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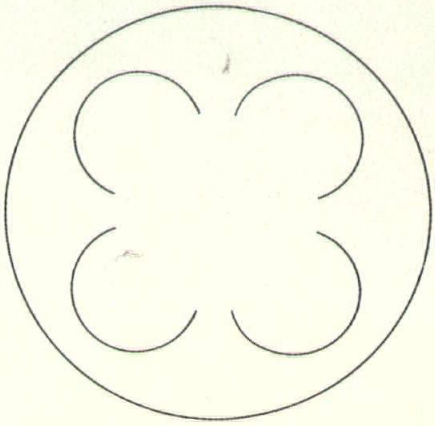
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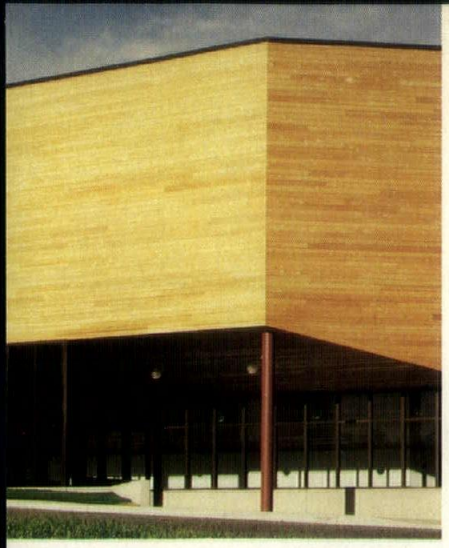
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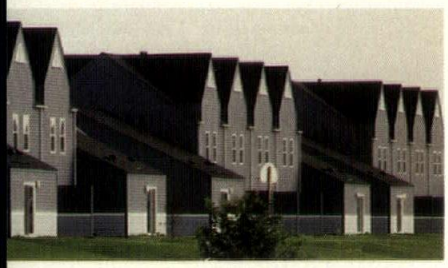
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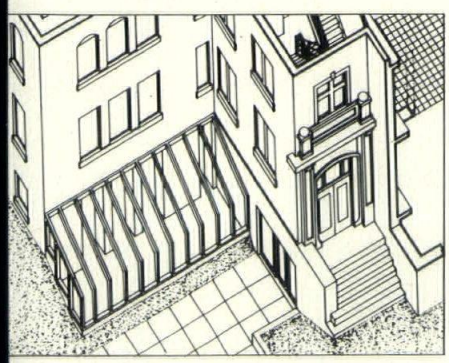
38 25th Honor Award: A rewarding community arts center.



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55 An adroit plan to salvage an old brick school.



59 Bonus section: 1982 MSAIA Firm Directory.

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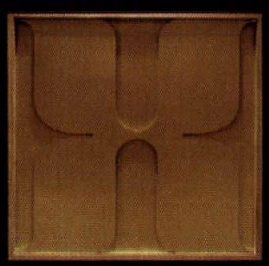
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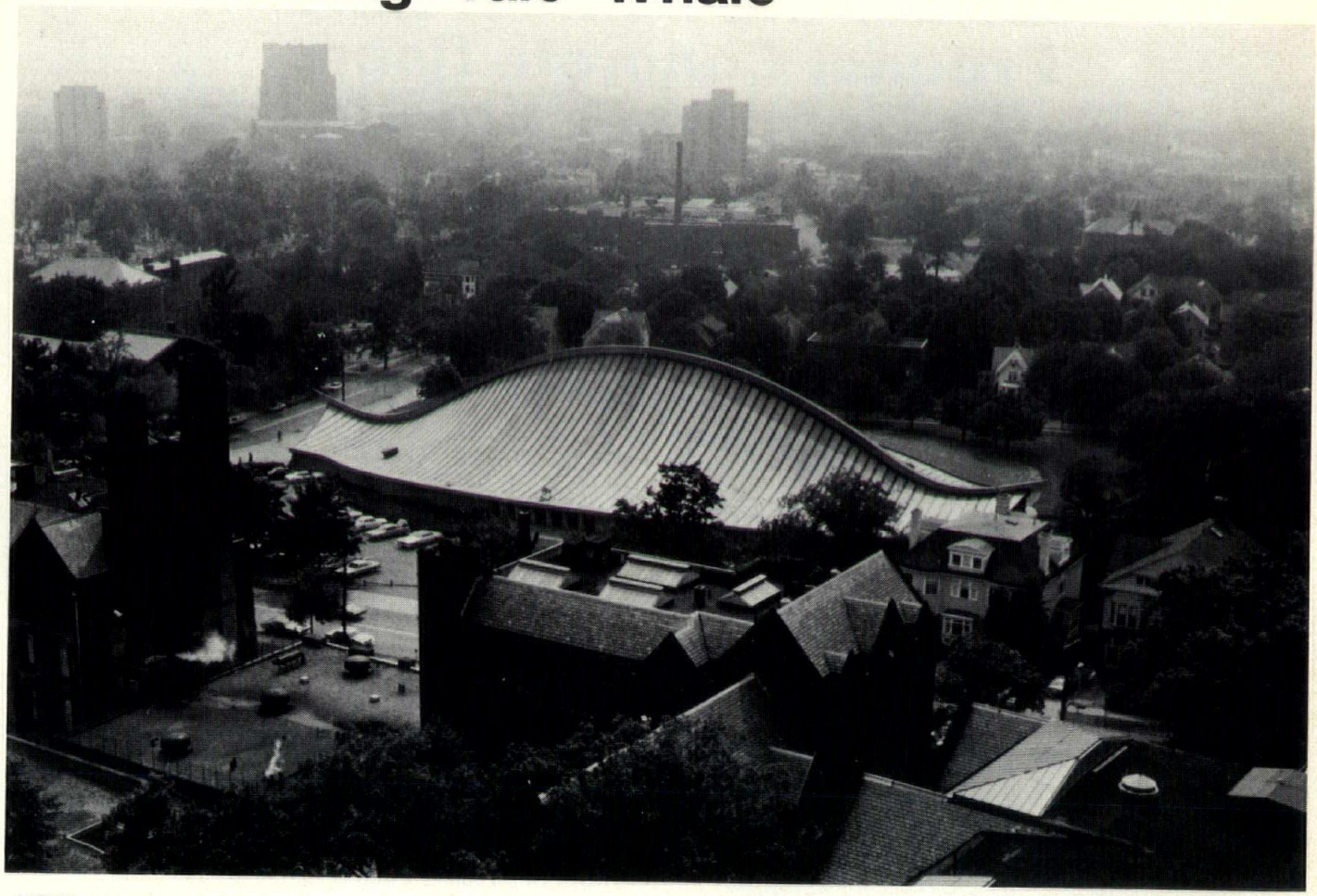
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Carlisle membrane solves problem of "reskinning" Yale "Whale"



NEW HAVEN, CT—Four steel cables suspended from a center concrete arch give the intricate 5,500-square foot roof of Yale University's David S. Ingalls Hockey Rink the appearance of a colossal whale swimming across the campus.

Unfortunately, for the last three years, the "whale" wasn't the only one doing the swimming. Because of a leaky roof, Yale Hockey team members many times had to battle water puddles as well as their opponents.

F.J. Dahill Co., Inc., a local roofing, structural remodeling contractor, was chosen to roof the whale with an EPDM membrane manufactured by the Carlisle Tire & Rubber Co., Carlisle, PA.

The most difficult phase of the job was to develop a staging system of ladders which would conform to the roof's irregular shape and allow the crews to work.

To support the ladders, Dahill crews nailed off 2 x 4 boards between the 23,000 lineal feet of battens covering the roof's surface. Two ladders were placed so that approximately 170 rolls of Carlisle EPDM, ranging from 10 to 103 feet long, could be placed in the 4½-foot gap between battens.

The EPDM sheets were loose laid over the old neoprene material and nailed at six-inch intervals at the base of each batten. A 12-inch piece of elastoform was then secured over the battens. When a row was finished, one of the ladders was moved and the process started all over.

Flashing was secured by inserting a metal band in the large reglet joints at the top arch and bottom wall and covering it with a sealant.

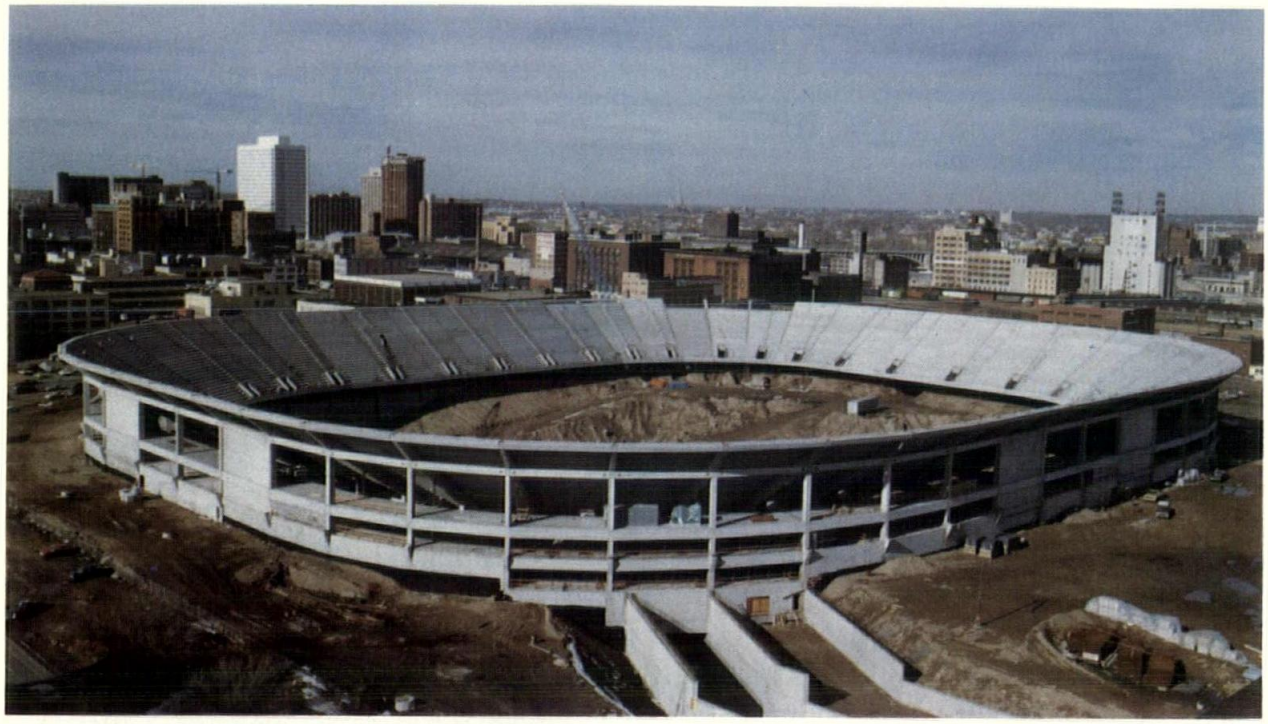
Old neoprene on the 6-foot x 360-foot concrete deck at the roof's bottom was stripped and replaced with EPDM that was completely sealed with Carlisle adhesive.

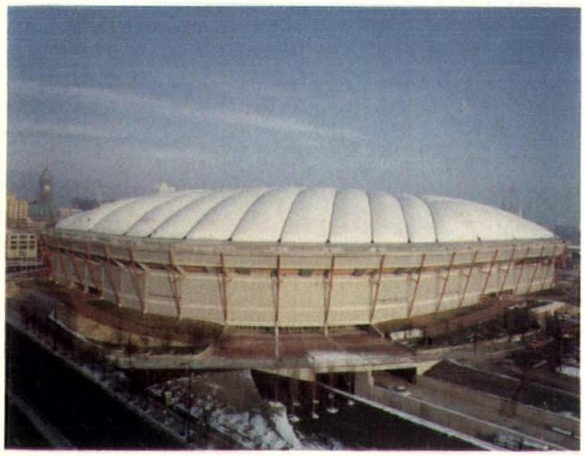
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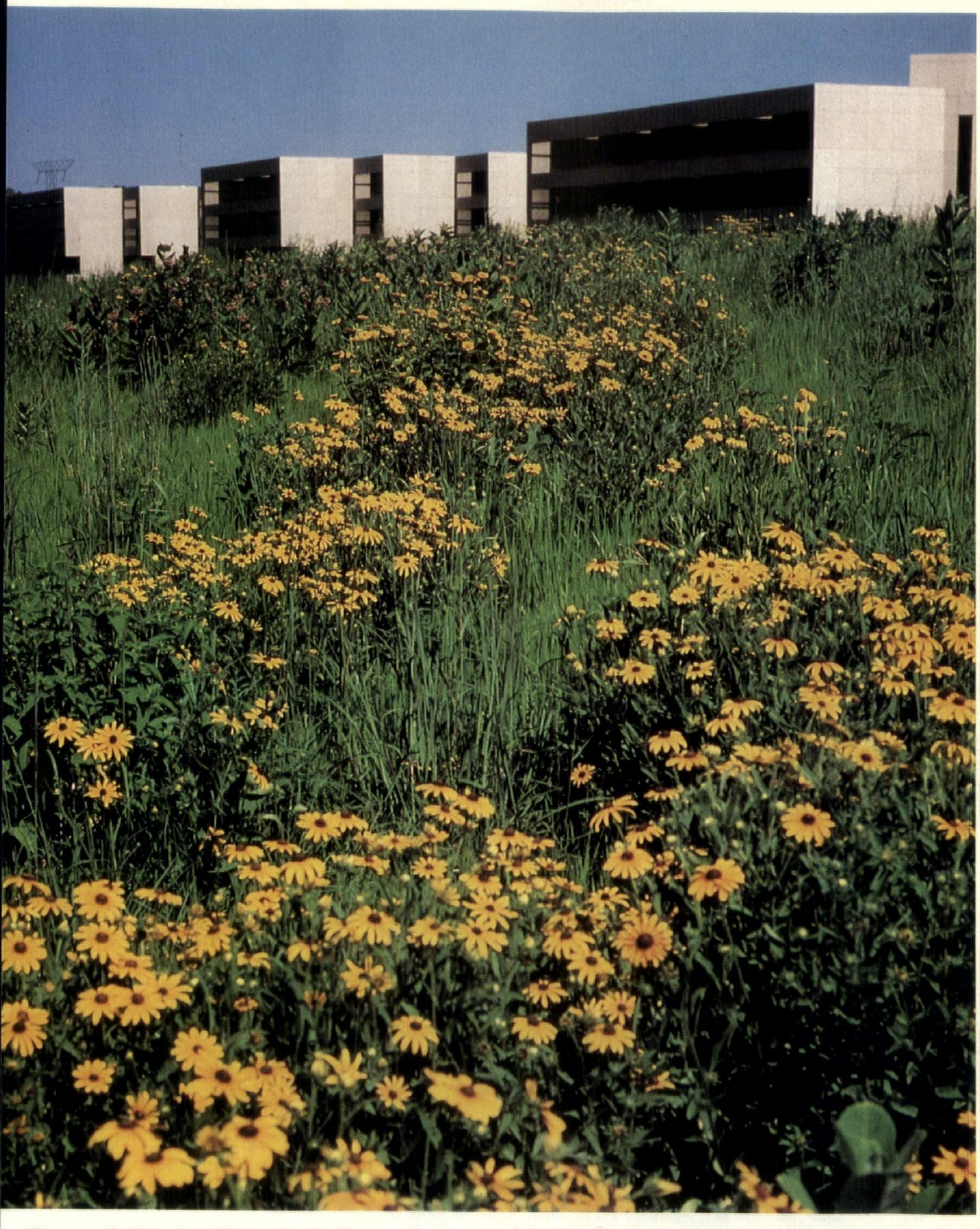
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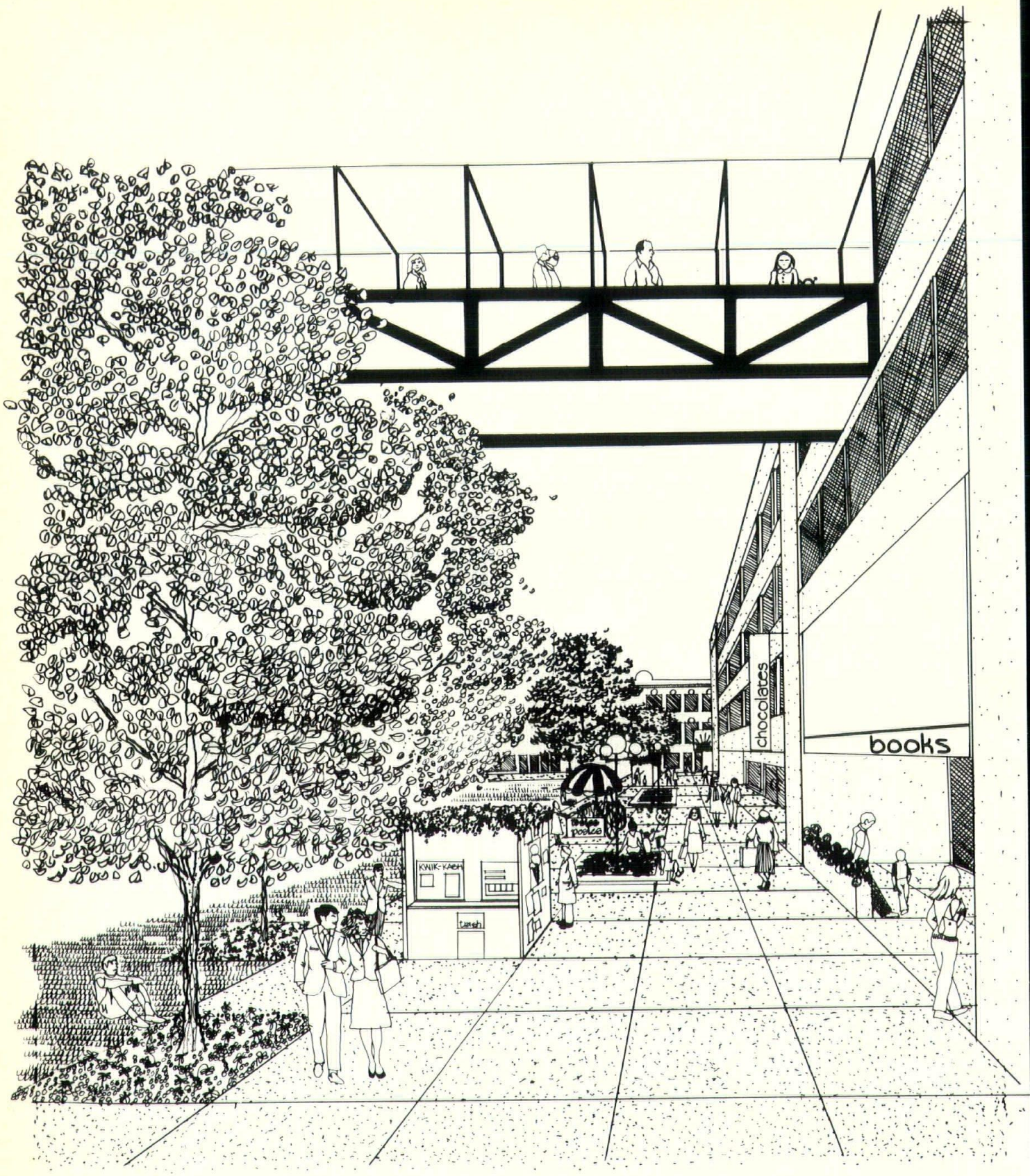
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news, notes & opinions



BWBR designs national Girl Scout center

The new Edith Macy Conference Center for Girl Scouts U.S.A., designed by BWBR Architects of St. Paul, opens this month. Called a "university in the woods" by National Executive Director Frances Hesselbein, the four structures incorporate native stone, natural cedar siding and shingles appropriate to the rural Westchester County, New York site.

Project architect Delano Erickson says the conference center is designed to conserve energy. Its bands of south-facing windows allow heat, light and fresh air to penetrate, while the north side is earth-sheltered to keep indoor temperatures stable. It will include an auditorium, meeting rooms, an audio-visual resource center, a commons area and dining facilities to serve 200 participants in the main building, and accommodations for 100 in the three lodges.

Site development and construction of the 65,000 square foot facility is expected to cost about $9 million.



McKnight funds aid buyers of energy-saving condos

Families will soon be moving into this new 29-unit condominium development in Lyn Park, a corner of urban renewal in north Minneapolis noted for its experimental solar homes. These, too, take advantage of the sun with triple-insulated windows facing south toward the downtown skyline.

The installation of these windows and incorporation of other energy-saving features into the design for a selling price of up to $70,000 allowed potential buyers to take advantage of 11⅞ percent interest loans offered through the Minneapolis-St. Paul Family Housing Program. This fund is supported, in part, by the McKnight Foundation.

Despite a bleak location, the energy saving features and other amenities have attracted buyers. The first phase is sold out and a second phase is under construction a few blocks away.

These "Boardwalk Citihomes" were designed by Israelson and Associates Engineering and developed by Sherman-Boosalis.

Cranbrook takes its design mission to the public

Innovative since its founding, the Cranbrook Academy of Art stands to earn fresh applause for spawning a new idea called "Design Michigan." It is essentially a public information program designed to promote the problem-solving potential of quality design to the leaders of business, industry and communities.

One of "Design Michigan's" primary tools is a six-page newsletter titled *Michigan Design Quarterly,* which is written with enough depth and clarity to appeal to design professionals and interested laypeople alike. The two issues published thus far include such topics as: "Personality and the Design Process" (about working with the workers when designing office interiors), "The Role of Architectural Design Management" in industrial productivity, "Design for Lifespan" (about environmental planning for people of all ages), and using graphic design to improve community identification. Three columns, "Know Your Designer," "Resources," and "News" round out the contents.

The editor, Jack Williamson, also directs "Design Michigan." It is funded by the Michigan Council for the Arts and the National Endowment for the Arts. For more information, write "Design Michigan," P.O. Box 801, Bloomfield Hills, Michigan 48013.

AIA to celebrate its 125th anniversary at Honolulu convention

When the nation's architects convene June 6–9 at Honolulu under the thematic banner, "A Quest in Time," the AIA will bestow some of its most discriminating awards on the co-authors of a three-volume book, a Portland office building, and a New York City firm whose founding partners were high school friends. The recipients are

- San Francisco architect Ernest Born and art historian Walter Horn, who, as co-authors of *The Plan of St. Gall,* have produced "a masterpiece of the art of book production." The three-volume book was 20 years in the making: Dr. Horn spent seven years in preparing the text, and Mr. Born another thirteen years in designing and organiz-

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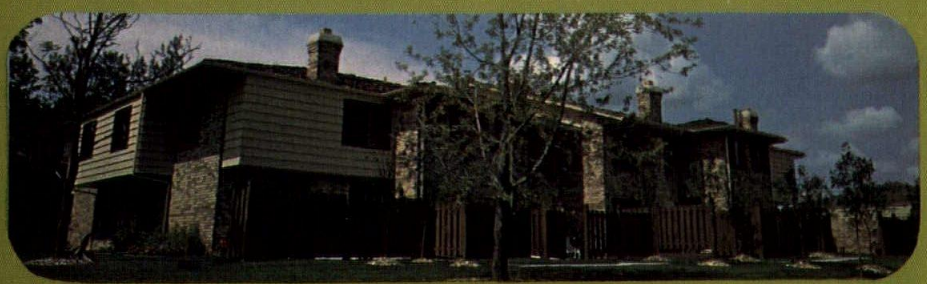
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ing the materials. *The Plan of St. Gall* depicts the art and architecture of medieval monasteries during the ninth century.

- Portland, Oregon's 34-year-old Commonwealth Building, which has been awarded the Twenty-Five Year Award for having "stood the test of time both in terms of its physical being and its artistic quality." Designed by Pietro Belluschi and completed in 1948 (and originally known as the Equitable Savings and Loan Association Building), the 12-story structure is regarded by the AIA jury as the epitome of the International Style "at its best."
- Gwathmey Siegel & Associates, which is only twelve years old and thus satisfied by a scant two years the AIA jury stipulation that a winner of the Architectural Firm Award must have consistently produced distinguished architecture for at least ten years. The firm was founded as a partnership of Charles Gwathmey and Robert Siegel, and though best known for their residences, Gwathmey Siegel has won over 45 design awards for a variety of building types.

Who gardens? Gallup says increasing millions

A 1981/82 survey by the Gallup organization has determined that 38 million American households currently are cultivating gardens—a four-million increase over the 1980 figure. The survey also spotted a growing trend toward community gardening. An estimated 1.5 million households are sharing neighborhood plots. Altogether, the individual and community gardens now produce $16 billion worth of food annually. Gardens For All, a national garden advocacy group, sponsored the national survey, which can be purchased ($150 for all but educators and extension agents, who buy it for $50). Brief summaries are available by writing to Gardens For All, 180 Flynn Avenue, Burlington, VT 05401.

Restoration planned for Minneapolis city hall

Minneapolis City Council President Alice Rainville and Mayor Donald Fraser have asked the City Hall Committee to develop a plan to revitalize Minneapolis' historic city hall.

From the outside, Long and Kees' sturdy building designed in the Richardsonian Romanesque style looks much as it did when completed in 1906. Inside, however, only the five-story rotunda with its stained-glass windows and Father of Waters statue remain. The rest of the building, includ-

Continued on page 85

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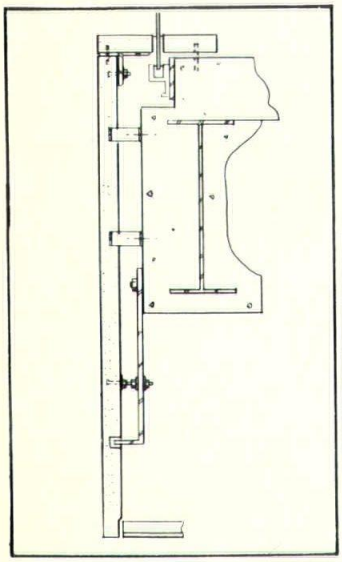
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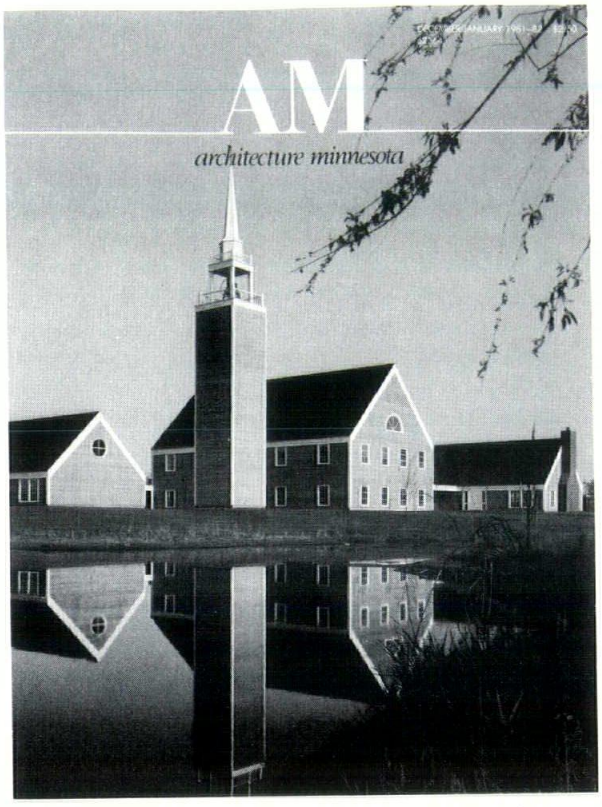
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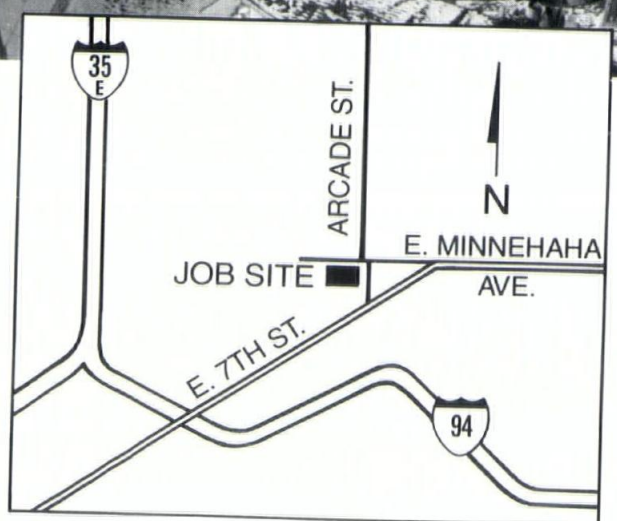
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Guess Who's Staying after Dinner?

RECALLING THE DAYS WHEN FAMILIES WERE EXTENDED, NOT NUCLEAR, SOME CITIES ARE ALLOWING "GRANNY FLATS" AS SOCIALLY BENEFICIAL EXPEDIENTS.

In an article titled "Why Granny Flats Are a Good Idea," appearing in *Planning* (February), Washington planning consultant Patrick H. Hare writes that the benefits of housing for extended families can be substantial. Granny flats are small, self-contained, removeable dwelling units designed to be installed in the backyard of an existing single-family home. Writes Hare, "They permit adult children to take care of aging parents who need some measure of support and companionship."

Lest communities see visions of instant shantytowns cropping up throughout their neighborhood, the term "echo housing" for "elder cottage housing opportunities" has been proposed. "Removable echo housing can take any number of forms," Hare states, "from panel construction to mobile homes. The issue is not so much the physical form as it is the changes in public policy that would open up single-family neighborhoods to new social patterns."

Alley Ooops

IT WAS A MISTAKE, SAYS AN ARCHITECT-OBSERVER, TO LET THE URBAN ALLEY GO TO POT. Bill Voelker, an assistant professor at the U. of Illinois School of Architecture, thinks it's a shame that we've allowed the city alley to fall into disuse as a positive environmental force. "Alleys," he writes in *Urban Land* (February), "have a life all their own: Tin Pan Alley, Alley Cat, Torpedo Alley, Gasoline Alley, Blind Alley, Dark Alley, 'right up your alley.' The ambience of the alley is opposite that of the prototypical suburban shopping mall. The alley's wayward, unregimented scale is a refreshing contrast to the predictability of the mall experience and to the spaces to which we are subjected most everywhere else as well." Voelker grants that many service alleys are dreary places that might be left well enough alone. Others, however, are "visual and economic opportunities waiting to occur, to be turned into a pedestrian carpet of varying patterns and surprises in both the horizontal and vertical planes." The development of selected alleyways can allow for convenient shortcuts and give an urban area a continuity which eliminates some of the need for motoring and parking."

TV for Better or Worse

NOTHING LESS THAN DEMOCRACY ITSELF MAY BE AT STAKE IN THE NEW AGE OF TELECOMMUNICATIONS TECHNOLOGY. So writes a Rutgers political science professor named Benjamin Barber in "The Second American Revolution," appearing in the provocative new magazine *Channels* (February–March). He argues that the "first age of television" was characterized by air waves scarcity that spawned three huge national networks—effectively a monopolized system of communication. Not all bad, he says, because it offered the country "the semblance of a national culture and national political norms" through which we might arrive at the "consensus indispensible to national unity."

Now, Barber worries, America is embracing an entirely new system of telecommunications that will offer the prospect of a "wired society" based on two-way and multiple-channel cable TV, satellite distribution, video discs, video cameras and recorders, and access to remote computers and data banks. "Already," he notes, "in some places people are using interactive television to relax, look, talk, vote, play, shop, inform themselves, express opinions, secure their homes, and go to school."

What's so wrong about all that? Barber describes three emerging scenarios, each with "far-reaching consequences." He calls them "The New Tower of Babel," "The Corporate Big Brother," and "The Electronic Town Meeting." The first, he fears, could fragment viewers into small selfish-interest constituencies "where people need talk only to themselves and their clones." The second, in which the capital-intensive task of wiring America for cable would be controlled by the most powerful corporations, sees the Corporate Big Brother making us "pawns of a technology that controls us even as its versatility and diversity let us think we have mastered it." The third, "The Electronic Town Meeting," holds out the promise of bringing the citizenry together across time and place so that they may confront each other "in a continuing process of mutual exploration, deliberation, debate and decision-making." But for this process to work in a truly democratic fashion, the new age of telecommunications must offer its knowledge-enhancing properties to the rich and poor alike. "Today," he concludes, "equal opportunity may depend as much on equal information and equal access to communication as on economic equality; with cable television, this becomes a far more realistic aspiration."

The Shore Dimly Seen

DESPITE ALL EVIDENCE TO THE CONTRARY, OUR LEADERS ACT AS IF THE FUTURE WILL TAKE CARE OF ITSELF. And Russell W. Peterson, author of "Nearsighted Leaders, Long-Range Challenges," in *Technology Review* (April), brings impeccable credentials to the arena. They include a Ph.D. in chemistry, a stint as governor of Delaware, president of the National Audubon Society, and chairman of the Global Tomorrow Coalition.

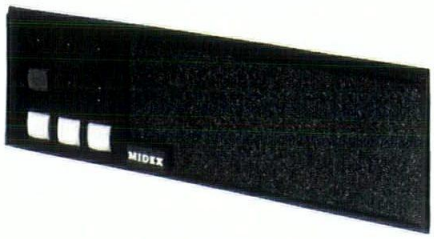
Mr. Peterson is perturbed. "It is puzzling," he writes, "that the United States, with the most sophisticated data-processing systems in the world, a high degree of computer-modeling expertise, and unexcelled policy-analysis capability, has so long resisted establishing even one group for conducting global analysis and planning at the highest level of government, where it is needed most."

He is especially puzzled that in a society where long-range planning by corporations is considered essential, it is somehow unsavory for the government to do so. Smacks of communism, say the bureaucrats. To remove the mote in

continued on p. 89

Burglar Alarm

A computerized burglar alarm requires no installation and protects your home or business. It is the first real alternative to a thousand dollar or more professional system.



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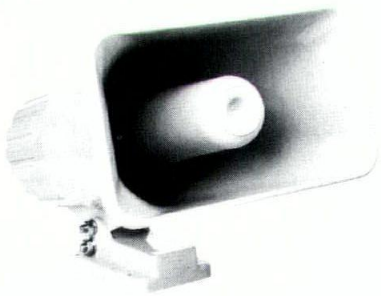
Invisible Protection. The Midex 55 protects your home using exactly the same technology that police radars use to catch speeding cars and trucks. When you are not at home, the Midex 55 generates a low energy radar field that detects anyone who moves in a designated area of your house. The protection pattern is an adjustable tear drop shape with maximum dimensions of 50 x 20 feet.

Loud Alarm. When the system detects an intruder, it turns on a loud police type electronic siren. The sound is loud enough to cause pain. It is loud enough to drive a burglar away before he can steal or damage your valuables. It is loud enough to alert your neighbors and, more important, loud enough to warn you not to enter your home before the police arrive.

Computerized Controls. To turn the system on, you punch in your personalized 4 digit access code. You now have 30 seconds to leave your home or office. When you return, you enter and disarm the system with your access code. You have 30 seconds to do that also.

When the Midex senses an intruder, it remains silent for 30 seconds. It then sounds the alarm until 8 minutes after the burglar leaves. The alarm then shuts off and resets, once again ready to do its job. This shut-off feature, not found on many expensive systems, means that your alarm won't go wailing all night long while you're away.

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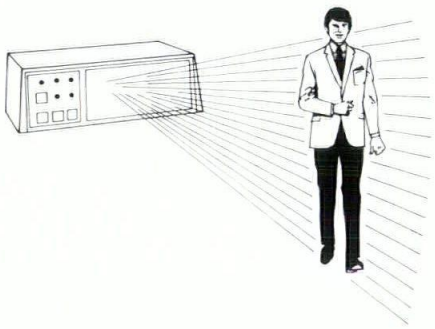


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EXPANDABLE SYSTEM

You can set up the Midex in your own home in minutes. It looks like a stereo component. Just plug it into a wall socket, aim and adjust its protection pattern and connect two wires to the powerful alarm blast horn SP-30. If you wish, you can connect two alarm blast horns. If you connect 2 blast horns, we recommend one outside and one inside. A test light allows you to easily determine the area of coverage of the protection pattern. A thumb wheel lets you adjust it to your needs.

As an extra security measure, you can connect one or more panic buttons to the Midex. The panic buttons activate the alarm even with the radar protection pattern turned off. But even if you don't use the expansion features, the Midex is complete, ready to protect you, just as it arrives in its well-protected carton.



The adjustable pattern has a range up to 50 feet.

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COMPARED AGAINST OTHERS

The Midex compares with much more expensive professionally installed systems. Yet it costs no more than do-it-yourself alarms purchased at retail. In a recent article, a leading consumer magazine rated the Midex tops in space protection, alarm siren power and immunity from false alarms. Don't be confused. There is no system under $1000 that provides you with the same protection.

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Purchase the Midex 55 now for $199.95 and the SP-30 blast horn for $39.95. We recommend the purchase of two blast horns. To order, simply send your check to the address shown below. California residents add 6% sales tax. Credit card buyers may call our toll free number below. There are no postage or handling charges. The unit will be sent to you complete with all instructions.

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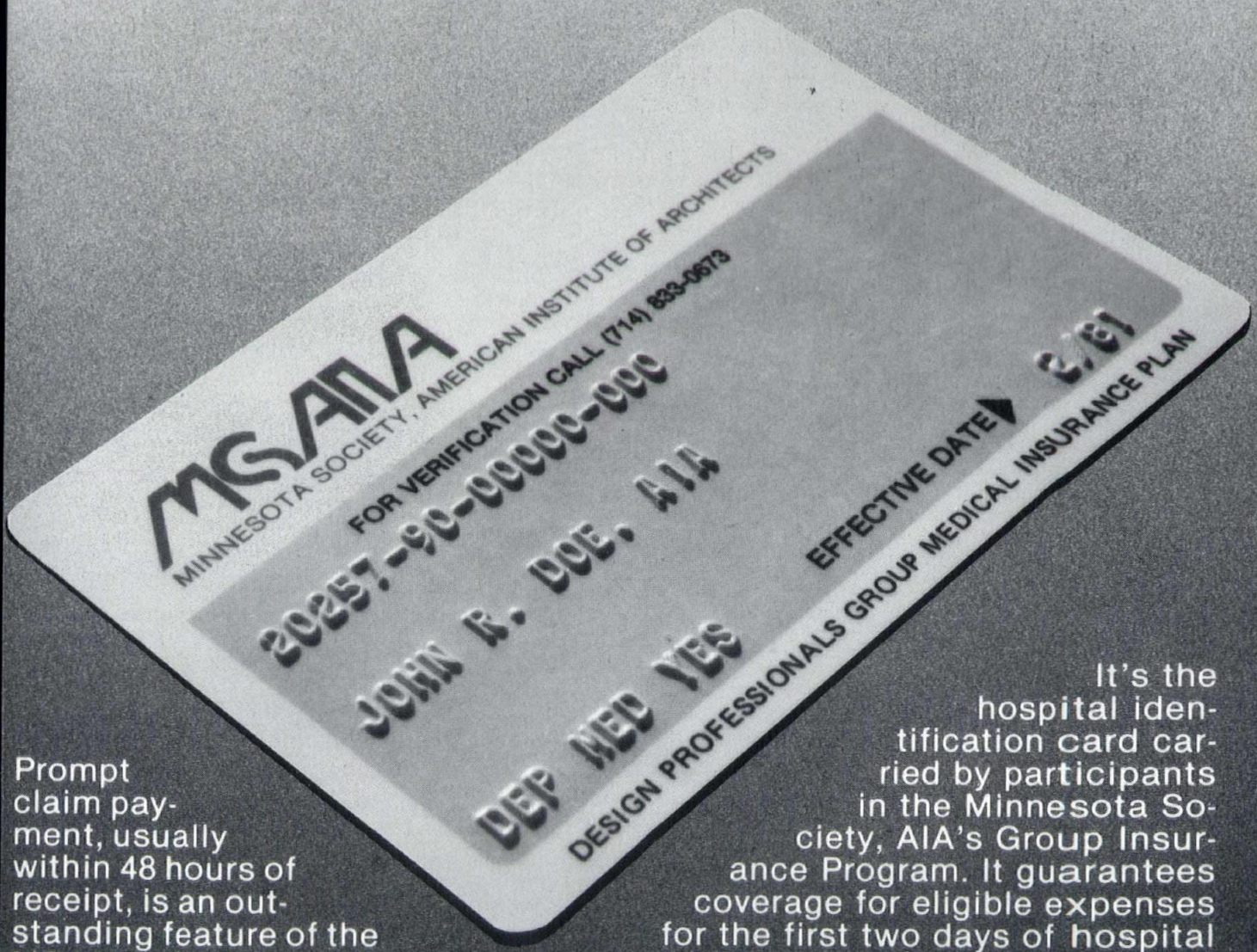
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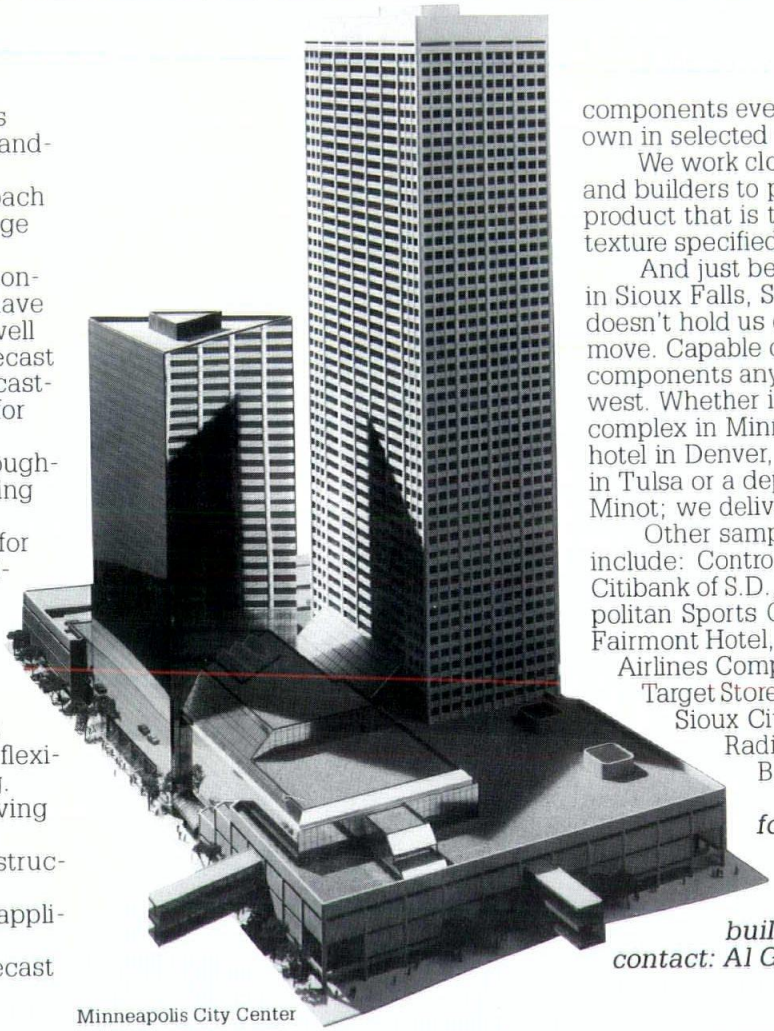
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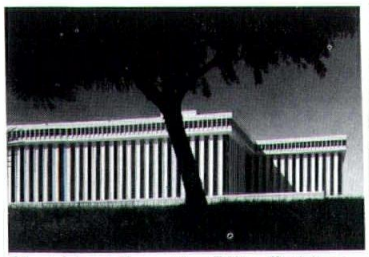
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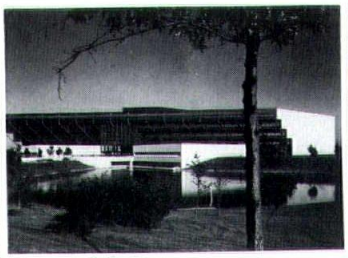
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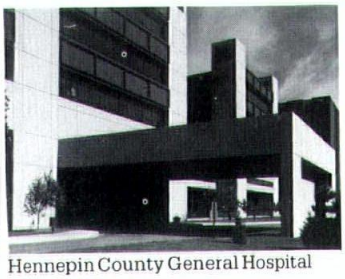
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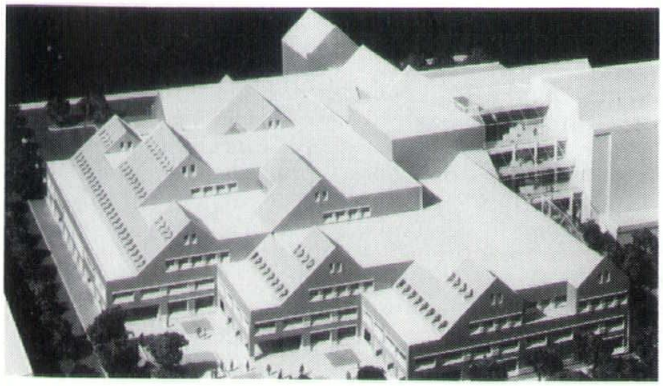
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The scale of the older Riley buildings and their courtyards give the first clue to the massing of the proposed new construction. (612) 853-2000



Arvid Elness Architects
Project: Creek Ridge Office Building
Bloomington, MN

Located between W. 78th St. and 494, Creek Ridge is a 30,000 sq. ft. office building over three floors. Nine Mile Creek runs diagonally through the site providing a natural point of focus for the building's orientation. The building is sited on the ridge overlooking the creek and the tree line and attempts to place the office space "into" the natural setting.

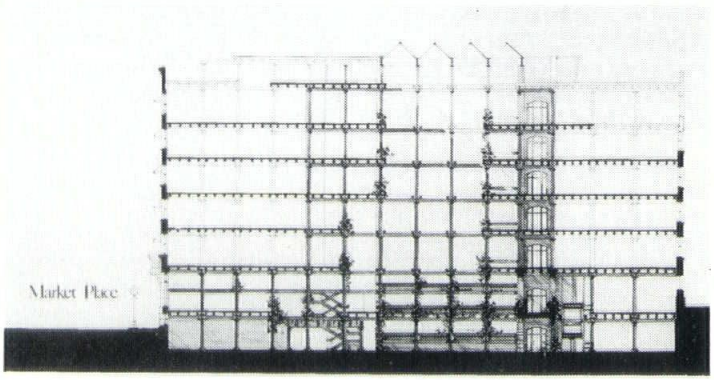


The parallelogram-shaped building has a flush face to the creek side and a stepped face to the entry side. The flush face captures the view out onto the creek while the stepped facade acts as a sun screen to the office space to the southwest. (612) 339-5508

Lilyholm, Young & Gleeson
Project: Market Place
St. Paul, Minnesota

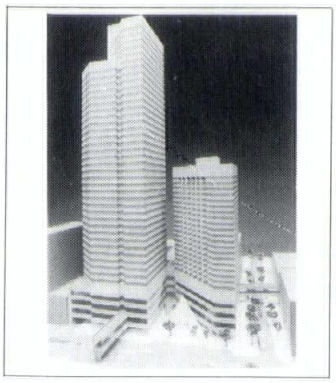
An exciting new renovation in St. Paul's Lowertown, currently in the design phase, will include loft-style condominiums and 26,000 square feet of retail space in a turn of the century six-story warehouse building.

Lilyholm, Young & Gleeson, designers of several large scale condominium/renovation projects in recent years, were selected to develop this space to compliment the adjacent new location of the St. Paul Farmer's Market. The post and beam interior will be retained with a new atrium extending from lower level restaurant and retail shops to the rooftop skylight. (612) 227-7667



Baker Associates, Inc. Architects, A.I.A.
Project: Nicollet Plaza
Minneapolis, MN

Nicollet Plaza is a mixed use development proposed by Architect and Developer Edward Baker for Downtown Minneapolis on the Mall at 6th Street. The project consists of a 42-story office tower of over 750,000 square feet which includes retail space and a 440-room hotel apartment tower, both rising from a four-story retail and commercial space base, with restaurants and bars. Retail shops will be provided along the Mall retaining the traditional shopping street.



The commercial floors will open to an enclosed multilevel public plaza with skyway connections across Sixth Street to the City Center, across the Mall to Penneys Department Store and through the Chamber of Commerce Building to the skyway across 5th Street to the Lumber Exchange Building. Parking will be provided off 6th Street on two levels below grade.

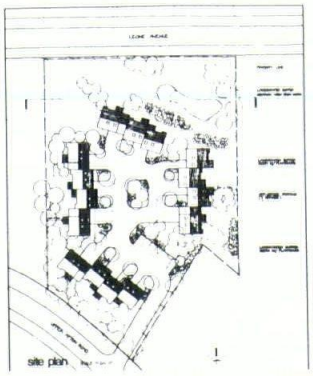
The exterior skin of the two towers will be reflective glass and clear glass at the lower four floors. (612) 339-8601

Coming Soon announcements are placed by the firms listed. For rate information call *AM* at 612/874-8771.

Zuber Sirny Baker Stebbins Architects Project: Afton Court Townhomes St. Paul, Minnesota

As part of a unique competition for an H.R.A. townhome site, the City of St. Paul allowed the surrounding neighborhood to select the project/developer. The winning design includes energy efficiency, custom design features, and extensive landscaping.

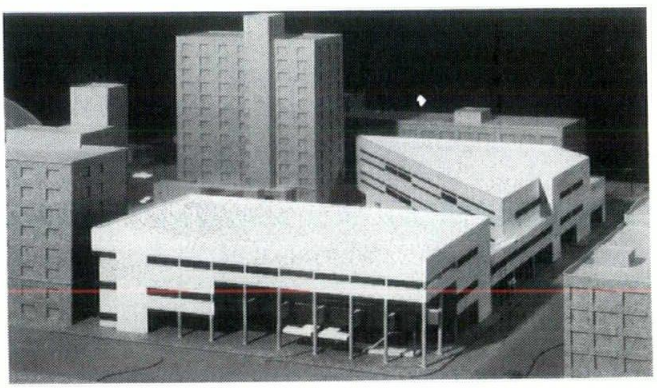
The fifteen townhomes will consist of three plus bedrooms with attached garages. Permanent mortgages will be handled through the Minneapolis/St. Paul Family Housing Fund and conventional programs. (612) 884-6204





Ellerbe Associates, Inc. Project: Hennepin County Juvenile Justice Center Minneapolis, MN

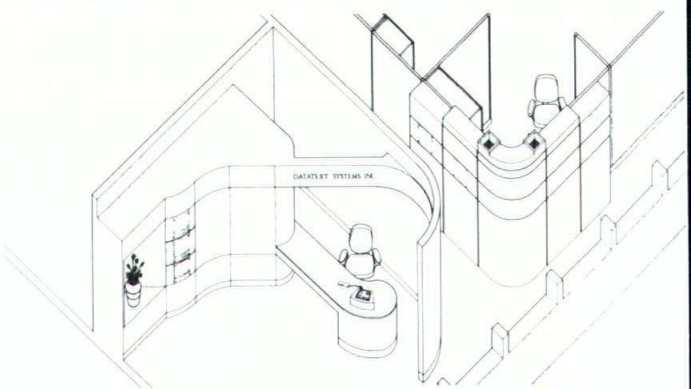
The proposed new Juvenile Justice Center provides facilities for two distinct criminal justice functions: (1) courts and court services and (2) detention. Although these functions are mutually dependent, each has clearly identifiable spatial and structural requirements. The design solution responds to these concerns by dividing the functions into two distinct but related buildings.



The courts and offices are located in a rectangular three-story structure permitting direct access from street level while the detention building, linked to the courts building via a skyway, takes the form of a triangle. (612) 853-2000

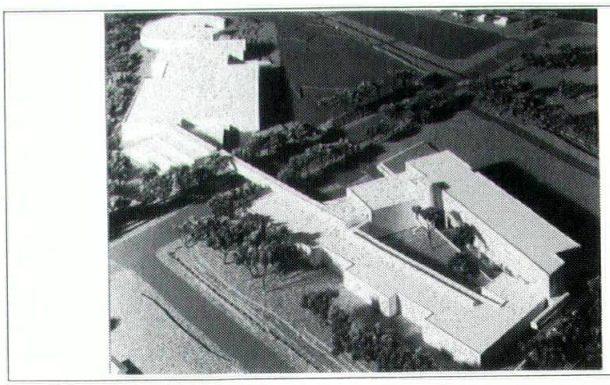
Meyer, Scherer & Rockcastle, Ltd. Project: DATATEXT Systems, Inc. Minneapolis, MN

DATATEXT Systems Inc. has commissioned the Minneapolis firm of Meyer, Scherer & Rockcastle to program, plan and complete the interior design and space planning for their new corporate headquarters. The design accommodates an extensive network of computer terminals and monitors. Full occupancy is scheduled for late spring. (612) 375-0336



Architectural Alliance Project: Medtronic Business and Technology Center Fridley, Minnesota

Architectural Alliance provided programming, building design, landscape and interior design for this facility, which uses a 170 foot skyway to connect a 20,000 square foot cafeteria/training center addition to an existing facility and a new 256,000 square foot office and laboratory building. A courtyard provides a quiet relaxation area for employees and an interior focus for the new site. Occupancy is being phased and is currently underway. (612) 871-5703

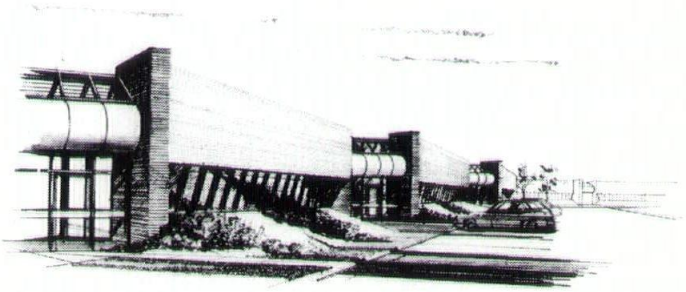


Coming Soon announcements are placed by the firms listed. For rate information call *AM* at 612/874-8771.

Lilyholm, Young & Gleeson
Project: Energy Center Building in Energy Park
St. Paul, Minnesota

This building takes the standard format of the office manufacturing warehouse development and uses a free plan form to make an exciting and interesting energy-conscious building complex. The development is the core of the very ambitious St. Paul Energy Park and its adjacent neighbors will be projects by Control Data and The Wilder Foundation.

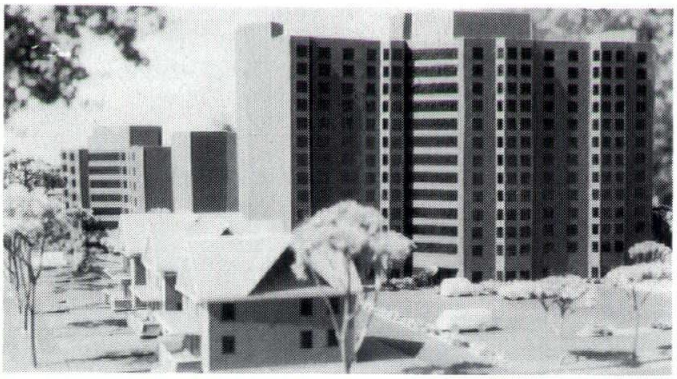
A design review conference assures that the developments will be compatible and fulfill the high ideals set by the covenants. (612) 227-7667



Patch, Erickson, Madson, Watten, Inc.
Project: Augustana Home
Minneapolis, MN.

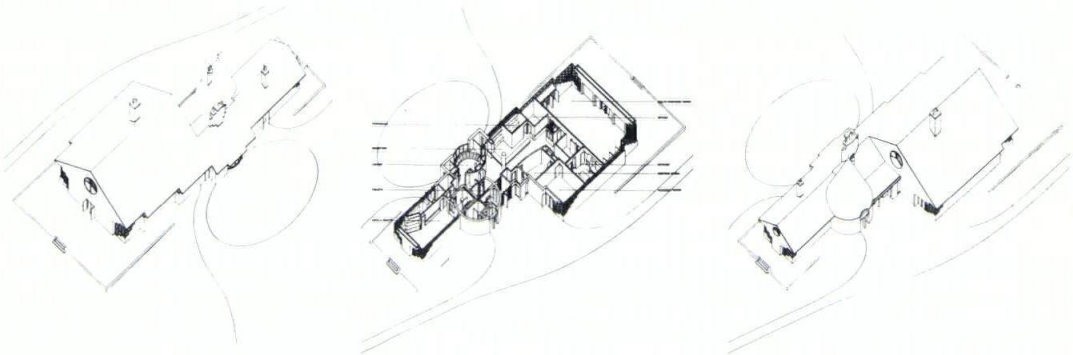
Augustana Home has been a dominant influence in comprehensive care for the elderly in Minnesota and is located in the revitalized Elliot Park neighborhood of Minneapolis.

The addition to the existing facility is composed of two residential towers of 7 and 13 stories containing 230 one and two bedroom apartments. An interconnecting, two-level atrium space will contain commercial and private facilities necessary to support activities and needs of the residents. The towers will be connected by skyway to the existing nursing health care complex. (612) 374-3490



Frederick Bentz/Milo Thompson/Robert Rietow, Inc.
Project: Elliot Park Neighborhood Recreation Center
Minneapolis, MN

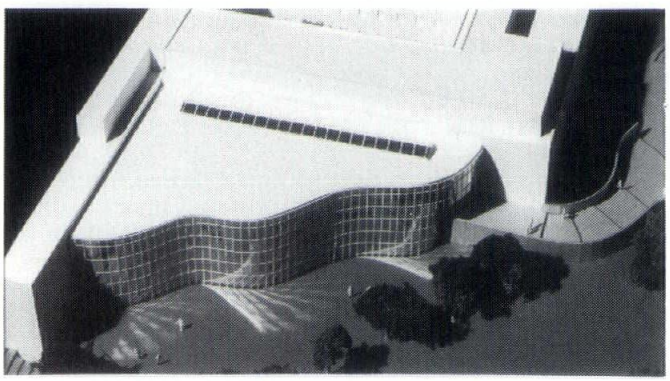
A major addition and remodeling will transform the existing park shelter to a completely new and handicapped accessible recreation center. (612) 332-1234



Ellerbe Associates, Inc.
Project: James Ford Bell Technical Center Expansion; General Mills, Inc.
Golden Valley, MN

The 70,000 square foot laboratory and office expansion is the first phase of the master plan which will ultimately double the size of the existing 325,000 square foot facility.

The expansion locates open office functions and the cafeteria within the south-facing, serpentine, reflective glass wall. A skylit concourse provides the connection between the new visitors' entry and the administrative offices in existing building. (612) 853-2000



Coming Soon announcements are placed by the firms listed. For rate information call AM at 612/874-8771.

BRW Architects, Inc.
Project: Amhoist Building/Park Tower Condominiums
St. Paul, Minnesota

By the autumn of 1983, this 28-story mixed use development will be a dominant feature in the skyline of St. Paul. The tower will contain 140,000 square feet of parking, 222,000 square feet of office condominiums and 81,000 square feet of residential condominiums.

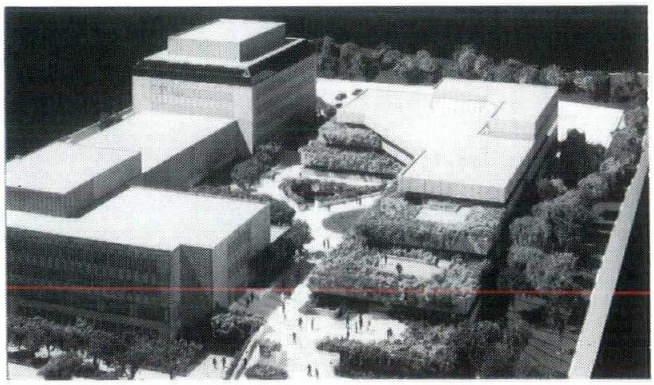
The post-tensioned concrete structure will be sheathed in reflective glass with aluminum panels to express the columns. Pre-finished metal louvers will screen the parking.

The design respects the rich historic character of the Rice Park District. The project is currently under construction. (612) 379-7878



Ellerbe Associates, Inc.
Project: School of Public & Environmental Affairs (SPEA) Indiana University Bloomington, Indiana

The first new school within the Indiana University system in 50 years desired an image and environment responding to their concerns for energy conservation, and at the same time giving them a highly visible image within the campus. (612) 853-2000



Bruce Knutson Architects, Inc.
Project: Lake Shore Drive Condominiums
Richfield, Minnesota

Construction of the 178-unit Lake Shore Drive Condominium project is underway. The 11 story project is a major step toward the renewal of the Lyndale-Hub-Nicollet area in the city of Richfield.

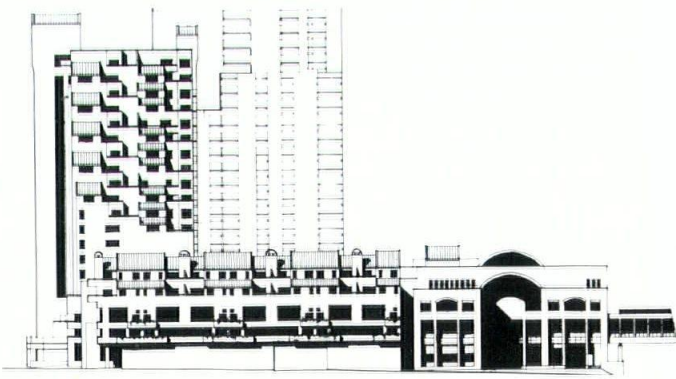


The project has been designed for the older adult desiring a housing alternative which offers independence, security and support while allowing continued ownership. In addition to the living units, there will be two guest rooms, a large social/dining room, conference rooms, exercise, work, game and hobby rooms, and a tenant party room. (612) 874-7050

Miller Hanson Westerbeck Bell Architects Inc
Riverplace: Block 1
Minneapolis, MN

This multi-use project is to be located on the East Bank of the Mississippi River and will become a part of the historic old Main Street of Minneapolis. The development will include a 520 stall parking ramp, 165 rental apartments, in a 27-story tower, 80 Condominiums in a 20-story mid-rise, 9 two-story Townhouses and a 4-story office building.

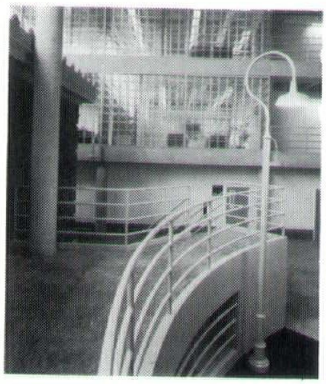
A skyway across Hennepin Avenue will link this project to a 5-story Commercial office building also designed by Miller Hanson Westerbeck Bell Architects Inc. (612) 338-7700

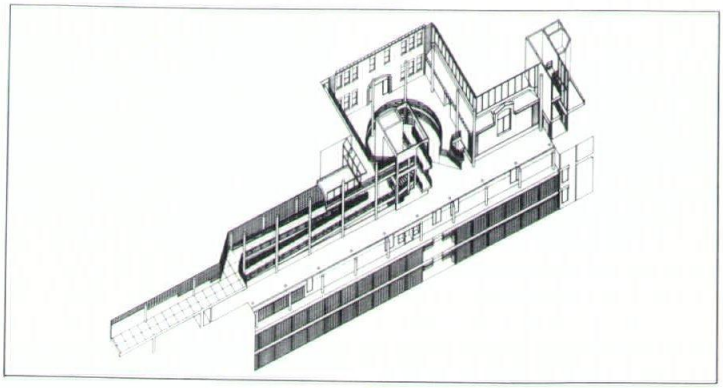


Coming Soon announcements are placed by the firms listed. For rate information call AM at 612/874-8771.

Architectural Alliance
Project: Vocational Technical Education Facility
St. Paul, Minnesota

Recently occupied, this 100,000 square foot facility on the University of Minnesota Campus uses an interior courtyard to connect a remodeled livestock pavilion to a new addition. (612) 871-5703





The Leonard Parker Associates
Project: New York Law School
New York, New York

The Leonard Parker Associates have completed designs for an addition and major remodeling of the New York Law School, currently housed in three 1920–30's buildings.

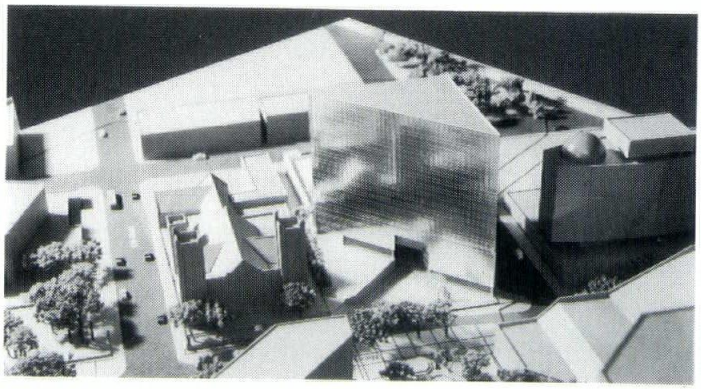
The design solves the problems of circulation, organization and image posed by the existing buildings. Circulation will be directed along an interior "street" linking the existing buildings and addition. Classrooms, offices and library are to be located around an interior atrium providing a central focus for the school.

Project associates are Carson Lundin & Thorson. (612) 871-6864



Smiley Glotter Associates
Project: 1221 Nicollet Mall Office Building
Minneapolis, Minnesota

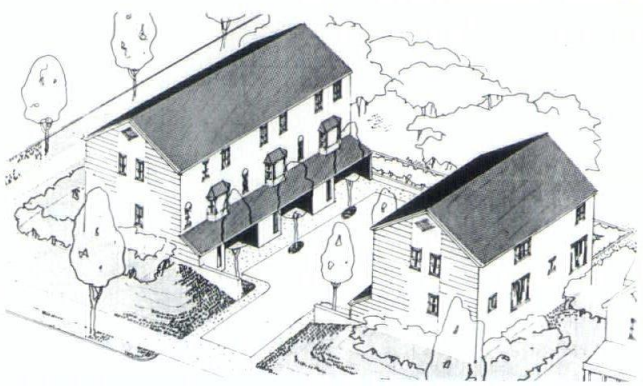
1221 Nicollet Mall is a prestigious retail/office building to be prominently located at the terminus of the Loring Park Greenway at the Nicollet Mall. The triangular shape of the building compliments and directs the intersection while maximizing pedestrian exposure and access. The shape also helps preserve visual openness for adjacent Westminster Presbyterian Church. The smooth, reflective quality of the building surface mirrors the textured stone of the church and serves as a counterpoint to its form. (612) 332-1401



Close Associates, Inc.
Project: Moderate Cost Housing
Minneapolis, MN

The Powderhorn Community Council has embarked on a program to develop moderate cost housing on available sites within their neighborhood. The first project at 36th Street and Chicago Avenue replaces an abandoned filling station with five townhouse units accessible from a semi-private motor court.

The scale, elevated lawn, and characteristic gable forms of the neighborhood are retained, but with no need for the typical entrance walk and hazardous exterior stairs. The arrangement provides a variation and enhancement of the urban scene, yet is readily assimilated within the existing community. (612) 339-0979



Coming Soon announcements are placed by the firms listed. For rate information call AM at 612/874-8771.

Frederick Bentz/Milo Thompson/Robert Rietow, Inc.
Project: Summit Bluff Townhomes
St. Paul, Minnesota

Seven Townhouses at 378 Summit Avenue will replace a 22-room mansion which was demolished in 1957.

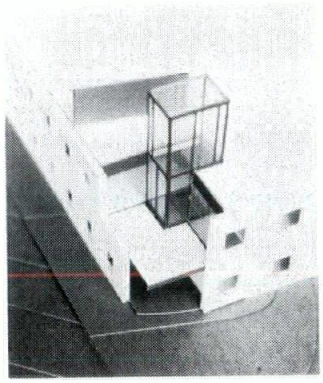
Ranging in size from 2,500 to 3,350 sq. ft., the new houses are arranged in two sets, four houses fronting on Summit Ave and three houses fronting on Western Ave. All consist of three stories plus loft.

The design has attempted to integrate the houses in large masses to affect the scale of the adjacent existing houses which are extraordinarily large. At the same time, the design has tried to give each house separate identity. (612) 332-1234



Meyer, Scherer & Rockcastle, Ltd.
Project: Gust. Lagerquist & Sons Hqtrs.
Minneapolis, MN

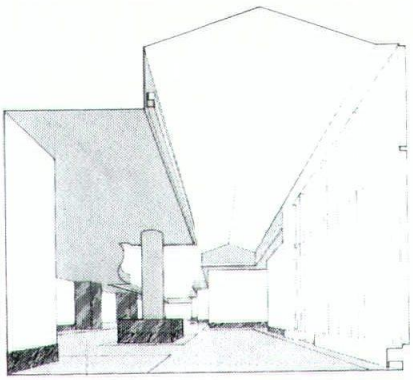
Celebrating their 100th year, the elevator company of Gust. Lagerquist & Sons, Inc. will break ground in early spring for the construction of their new corporate headquarters. Located on West River Road in Minneapolis, the 21,500 sq. ft. facility will feature a glass block enclosed Dover Elevator. Meyer, Scherer & Rockcastle is the architect for the project. (612) 375-0336

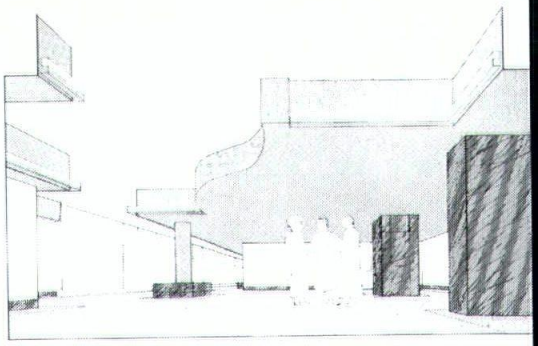




Architectural Alliance
Project: Prudential Refurbishing
Minneapolis, MN

Architectural Alliance's interior design and architectural team began work on this refurbishing of Prudential's North Central Headquarters Office Facility in early 1981. (612) 871-5703

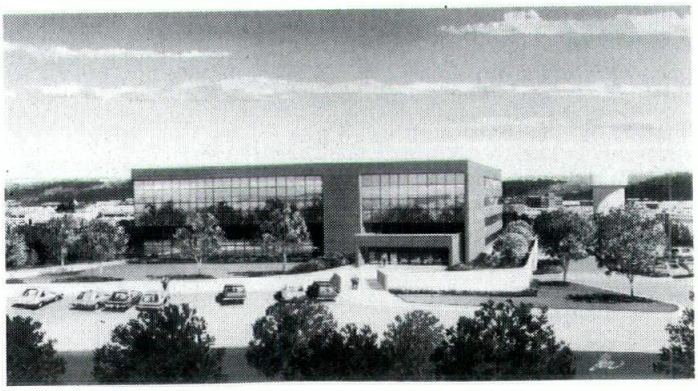




Klapste Goltz Associates, Inc.: Architects
L. K. Mahal and Associates: Project Developers
Project: Office, Commercial, and Parking Structure
Minnetonka, MN

Spectacular vistas will be offered by this 46,800 sq. ft. four-level office and commercial structure which occupies some of the highest terrain in Hennepin County.

The building is a compact, energy and material efficient design of brick and glass set on a concrete plaza enclosing underground parking. It is the first of four mixed-use buildings in an eight acre master plan adjacent to Ridgedale. (612) 332-8901

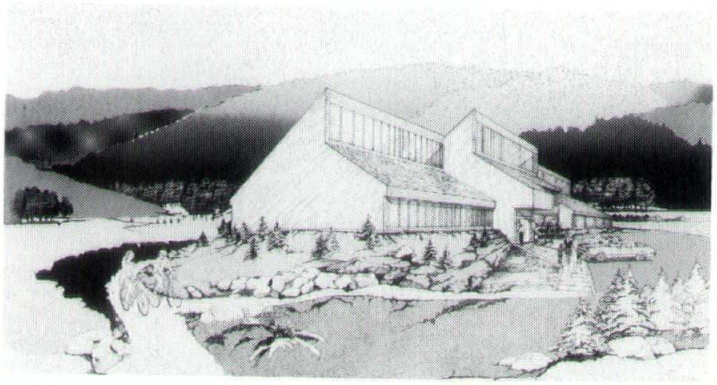


Coming Soon announcements are placed by the firms listed. For rate information call AM at 612/874-8771.

Klapste Goltz Associates, Inc.: Architects
John Weidt Associates, Inc.: Environmental Design
Project: Wooden Shoe Factory
Woodland Park, CO

This 10,000 sq. ft. solar-powered wooden shoe factory, retail outlet, and corporate office for Wasa Clogs, Inc. will be a focal building for Morningsun, a new "solar community" in the Colorado foothills.

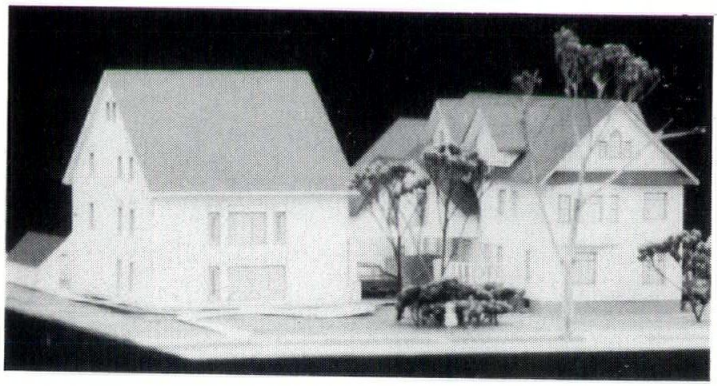
A rustic wood structure and wood exterior reflect the mountainous setting and the company product. Daylighting and passive solar heating, the primary form generators, are expected to reduce "standard" utility costs by 60%. (612) 332-8901



Close Associates, Inc.
Project: Ronald McDonald House, Phase II
Minneapolis, MN

Children's Oncology Services, Upper Midwest, owner of the Ronald McDonald House, is about to begin construction of a ten bedroom addition to the original house (1981 CUE Award Winner) which was finished in the Fall of 1980. The addition will provide overnight housing for ten more families of children with cancer. It will complete the existing complex by adding a large outbuilding/dormitory at the north end of the existing porte-co-chere.

The addition is a simple building set back on the property so as not to compete with the established image of the House. (612) 339-0979

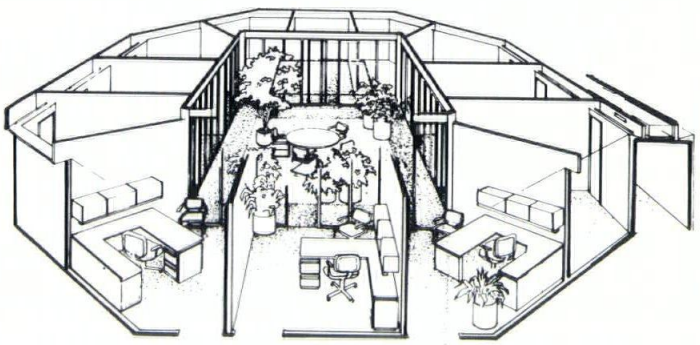


Team 70 Architects
Project: Cray Research Corporate Offices
Minneapolis, MN

Cray Research, Inc., is a leading designer of large-scale scientific computers used world-wide by business and government. We redesigned a traditional 1960s office space in the former Pillsbury Building to suit the innovative work patterns of Cray's high technology business.

Team 70 clustered divisional management offices to facilitate Cray's group work process. Individual offices have complete privacy and yet are easily accessible to each other.

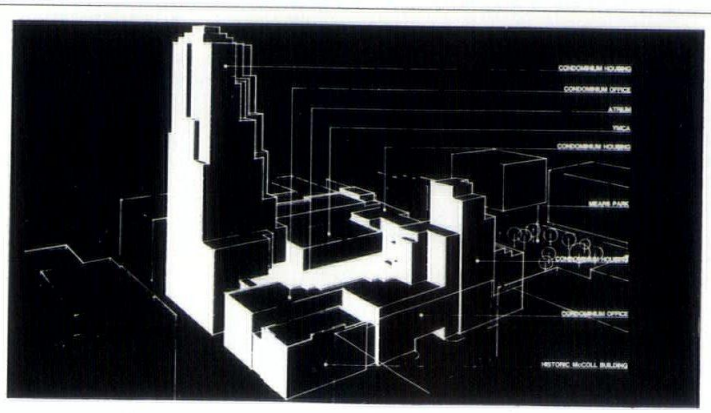
The executive offices are grouped in pods around "interior parks," natural habitats which serve as casual meeting or formal group work areas. (612) 332-5515



Miller Hanson Westerbeck Bell Architects Inc
Lowertown: Block 40
St. Paul, Minnesota

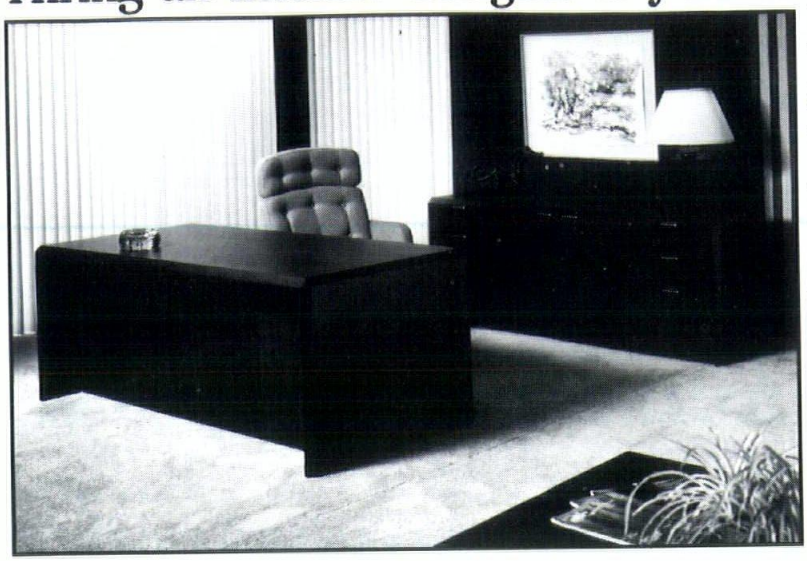
As part of historic Lowertown, this multi-use development will be the key component in the revitalization of this area of downtown St. Paul. The block will be linked by three skyways to surrounding buildings and will feature a multi-level retail mall.

Plans for the development include: condominium and rental housing, condominium office space, underground parking facilities as well as restaurants, shops, several movie theaters and an old world open food market. In addition the new Downtown St. Paul YMCA will be located here. (612) 338-7700



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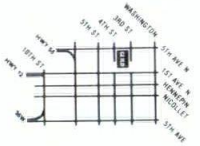
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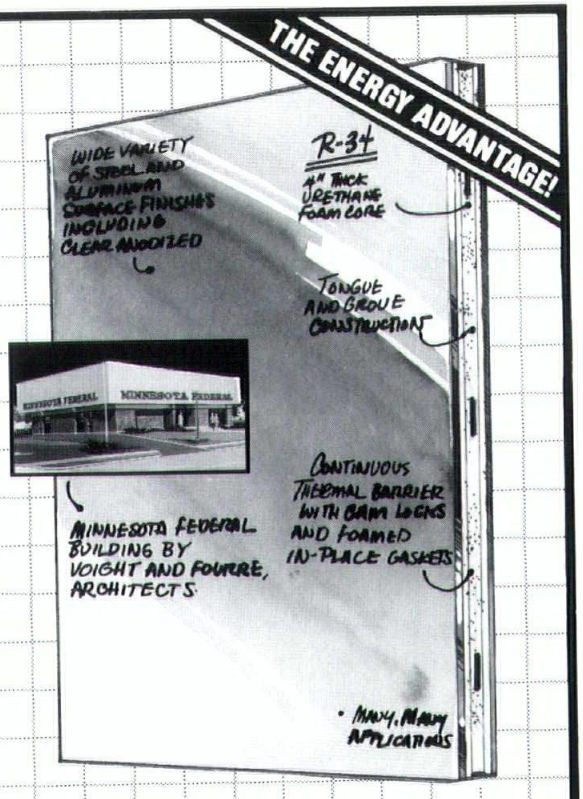
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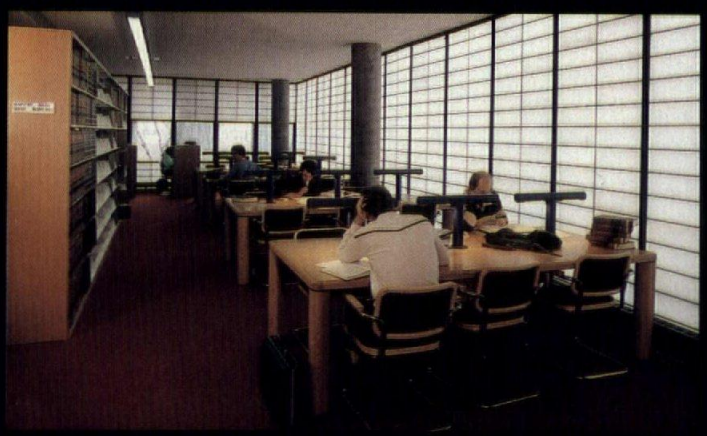


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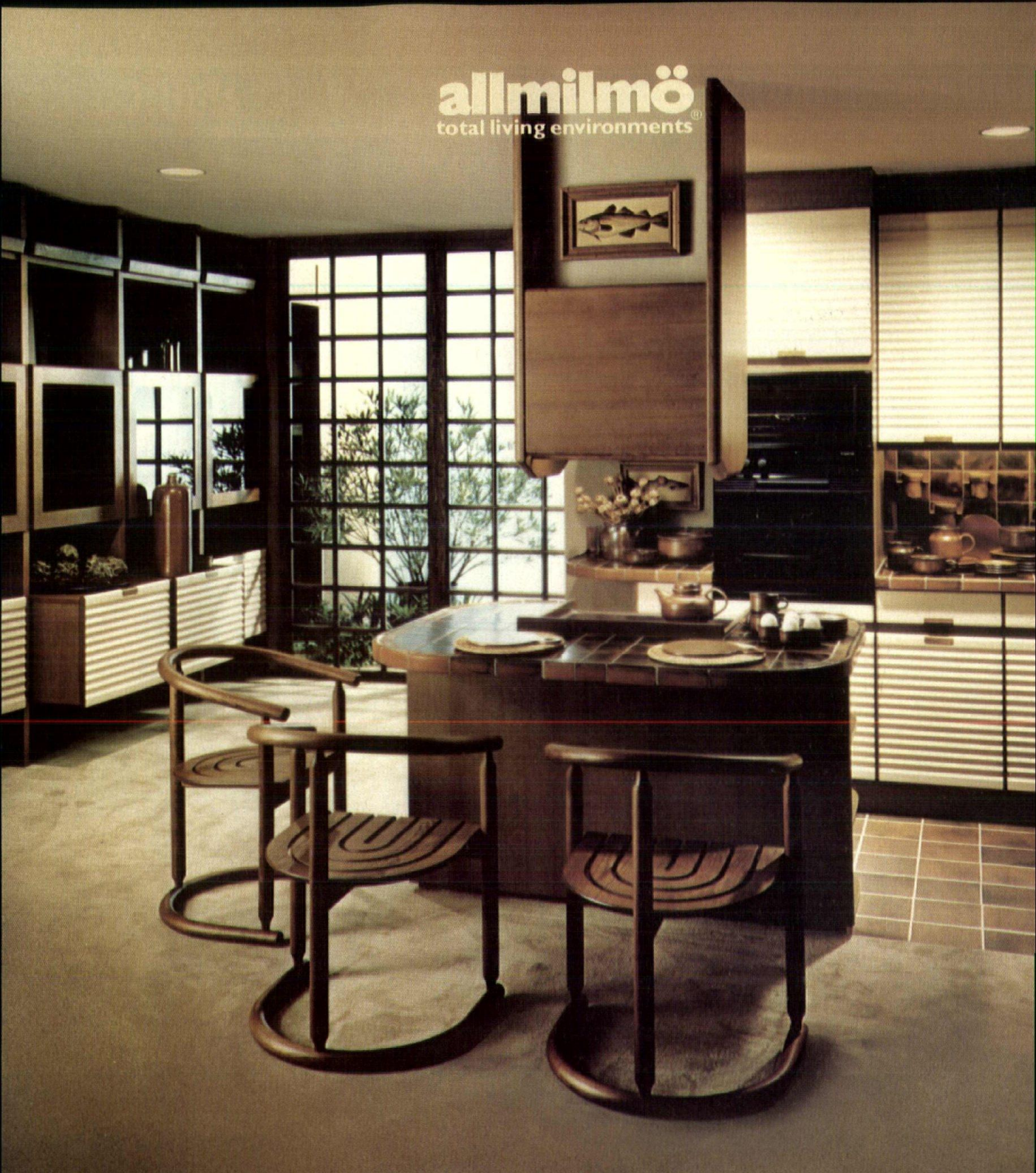


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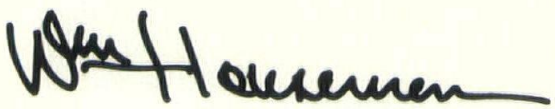
editorial

Springtime is the best time to render an architectural second opinion.

Here in the Frostbelt, where the four seasons are unambiguous, springtime is clearly the right time to assess humankind's environmental contrivances: the time to rediscover those budget-shattering outdoor plazas nobody has seen, much less used, since early November; the time to recall those *heaps* of automobiles (and those blasphemous tractor-trailers) mangled and miserable on the infamous snow-choked Spaghetti Junctions concocted by our most inept boys of summer—the highway engineers; the time for remembering all of those little plumes of smoke rising from all of those millions of little single-family bungalows in the Northland—which is to say, all of that non-renewable energy fueling a not very smart society that kowtows before an economic shrine named Doing Your Own Thing.

Springtime is the best time not only to flaunt the brilliance of our hindsight, but also, now that Lord knows how many feet of snow have finally disappeared, the best time to consider where we're going: the time to worry about how many more inches of Dakota topsoil will darken the Twin Cities skyline, come August, the summer drought and the eastering winds; the time to wonder who's kidding whom about revitalizing a Hennepin Avenue with artificial trees on the one hand, and a Berlin Wall in the guise of a brutish structure that goes by the non-sequiter, "City Center," on the other; the time to bestir ourselves and see if these enlightened Twin Cities cannot be up and building again, not merely to slake the appetites of speculative developers but better to reintroduce the ordinary citizen into the mainstream of a cultivating urban milieu.

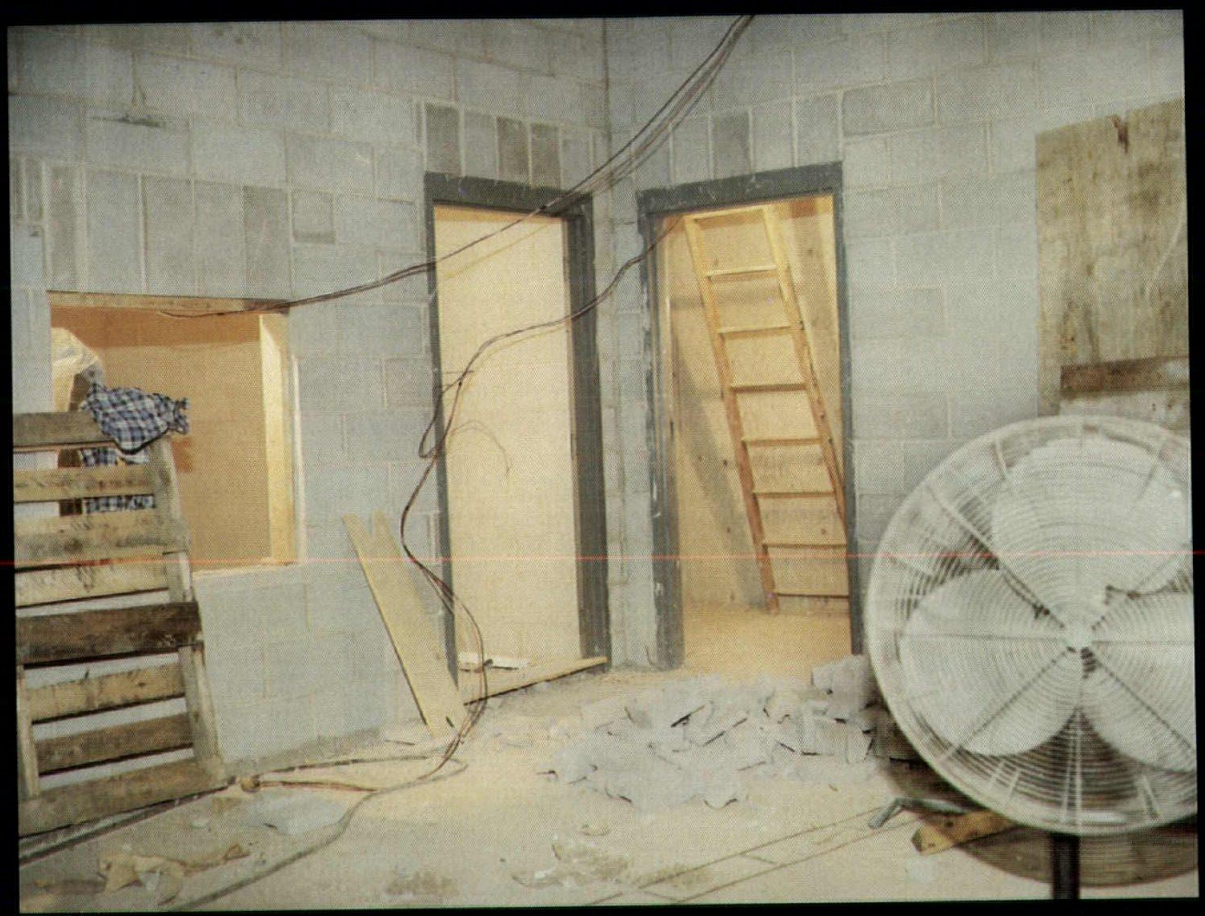
But far and away, springtime is the best time for the art of living and loving; the time for stripping away the winter's heavy psychological baggage and rolling in the grass with your loved ones. Possibly from a worm's-eye vantage point in Loring Park, you may muster a finer vision of a better world.



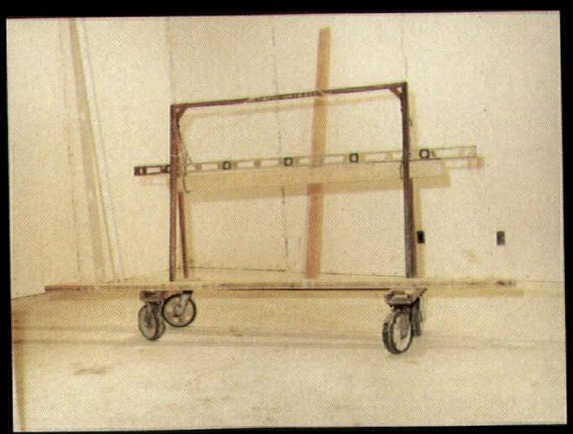
William Houseman
Editor

STRUCTURAL MOMENTS

Minneapolis photographer Gary Hallman sees the construction site as his studio *in situ* and, at the same time, his subject matter



Sublevel A, Crossings Condominiums, Mpls. 1980



Drywall Dolly, Hyatt Hotel, Mpls. 1981



A toast to change

"Gary Hallman's construction site photographs are the product of his fascination with "how our culture projects its values and aspirations into the contemporary urban landscape." He amplifies: "Americans now experience the cityscape as a dynamic and ever-changing environment. By contrast, in more traditional cultures and times, the cityscape could be experienced as a dependable and unchanging cultural backdrop for the lives of several generations of people. My photographs are in part a celebration of the excitement and inevitability of change, a toast to the anxious passing of the familiar. They are also a ritualized meeting with change, and an attempt to exploit it into the images that invite us to participate in the strange in our space; and to speculate on the subtle and less obvious influences our created environment has on our lives."

ARCHITECTURE DEMYSTIFIED

If you ask thirteen architects what everyone should know about working with an architect, you are apt to get a myriad of answers. But not to worry. A careful reading of this Q&A feature should persuade you that architects not only know their stuff but are happy to share it with you.

Why do I need an architect?

"Because you want a building and you don't know how to design it," says Toronto architect Jerome Markson, succinctly summing up the architect's most basic service.

The architect is the only one involved in construction who is trained as a designer. Creativity is part of what he offers to the client. "We see ourselves as a bit of a catalyst," says Norman Hotson, who practices in Vancouver, B.C. "We're really there to spark some new ideas and to try to expand a client's notion of what's possible."

Linda Ostberg, a St. Paul architect with substantial experience in residential design, points out that a lot of people are not aware of what can be done, particularly in remodeling. "They see the typical builder home and think that's all that can happen. So they look to the architect for improvements that can be carried out economically."

Most architects seek to satisfy the client's aspirations through a design solution that can be enjoyed at many levels.

"When you ask why does someone need an architect," says Arne Bystrom, who practices in Seattle, "you might as well ask why does anyone need a glass of good wine or a nice picture, or why do we need to live well. I think you need an architect because he can give you a work of art to live in, if he's any good, and this makes life a little better for us all."

You pay for design in any case. "Design is an integral part of construction," Tom Bergseth, corporate architect for Dayton-Hudson points out. "If you are building, you are going to pay a fee for someone's design expertise along the way. I wouldn't consider *not* hiring an architect."

Samuel T. Balen sheds an altogether different light on the question. As Executive Director of the National Council of Architectural Registration Boards, he sees the architect's role as being not only desirable but downright essential. "Quite simply," he says, "a majority of states require that all but a few types of minor structures be designed by a licensed architect. In this, architects are no different from physicians, beauticians and the members of many other vocational groups who must be licensed in order, as the phrase goes, to protect the health, safety and welfare of the public. A strong case can be made, however, for acknowledging the architect's peculiar responsibility. Unlike the doctor or dentist, who pursues a one-to-one relationship with individuals, the architect may design buildings for use on a daily basis by hundreds and even thousands of people. The idea of unlicensed individuals doing such work is not at all reassuring."

Who can afford an architect?

"I'd say that anybody who can afford to build can afford to hire an architect," thinks Neil Weber, of Schwarz/Weber Architects in Minneapolis. "It's a matter of deciding what kind of architect to hire for a particular job. You can't afford to hire a giant like Ellerbe to do a kitchen remodeling, and they wouldn't be interested."

Several architects say they are willing to sit down with someone for a short advisory session. Norman Hotson is one of them. "I would rather simply offer some initial first ideas and preliminary advice, or provide full services. What I find least satisfying is taking something to a design concept and then being asked to leave and the client carries it on from there. I don't get to detail the building and therefore don't realize the most exciting part of the design."

You may not be able to afford to hire an architect if you want to build a small house, according to most of *AM's* respondents. Arne Bystrom, who specializes in custom house design, concurs. But he stresses that the architect should be able to provide more value for the money. "I don't think that when we're talking about the enclosing of so many cubic feet of space that an architect can do it as cheaply as a small tract builder who's got every dime figured out, every efficiency worked out and every corner cut. I never tell my clients we're going to do something cheaper. Better, yes, and they're getting more value for their money. But if they want more space for their money, they should go to a tract builder."

When it comes to commercial construction, however, several architects turned the question around, asking, who *can't* afford to hire an architect? "I think anyone who can afford a new building can afford an architect," says regional AIA director LeRoy Bean. "Architects can justify the cost in the long run, and I'm sure they can yield a savings otherwise lost through poor planning."

Joel Glotter, a principal in Smiley/Glotter Associates, Minneapolis, points out that a well-designed building can provide immediate benefits in environment and efficiency, as well as greater profits to the owner when the building is sold. "The architect deals with a capital expenditure which is very likely the largest one an individual makes in his lifetime. From that perspective, the individual really cannot afford not to have one."

Some say architects can save you money. Is this true?

Yes and no. Yes, they can and do save the client money, say some architects. Those who disagree, however, do feel that the money is well spent because it can produce a better building.

"I don't think saving money is the purpose of architecture," says Jack Bloodgood of Des Moines, who specializes in single and multi-family housing design for developers. "The purpose is to bring greater quality to the structure. I think we're getting away from the notion that bigger is better. The fact is that better is better and architects should

be able to make a better-is-better product out of the construction that is going to take place anyway for the price that was anticipated."

Norman Hotson believes it depends on the individual designer. "Without question there are people who work from different poles: those committed to trying to do a high quality of design for the lowest possible price; and there are others who are into a very high degree of refinement in terms of detailing and materials. In those instances, budgets are very easily run away with. I think, however, architects have been educated to see things from a distance and perhaps not get caught up in a specific solution the way a lot of lay people might. In that regard, we might be able to see cost-effective alternative solutions."

This ability to offer alternative solutions was most often mentioned as the way in which architects can save a client money. "Architects have seen enough materials and the way things are put together to come up with a very nice product very economically," says Linda Ostberg. Bob Rietow, MSAIA president and principal in the Minneapolis firm Bentz/Thompson/Rietow, also emphasizes this. "An architect can take a list of needs and by looking at design alternatives can illustrate solutions that may allow you to reconcile, very happily, a list of needs with a budget."

A second way the architect may be able to save a client money is by controlling the expenditures recommended by other professionals working on a project. This is the point of view of Tom Bergseth. "Building owners like Dayton-Hudson are very aware of the escalating cost of materials and labor. In our projects, the architect is the focal point, a generalist who oversees all the work of the other design professionals to control costs not only in the early stages but all the way through a project."

Jerome Markson remains skeptical about whether or not an architect can save a client money. "Compared to who, is the question. I suppose he will save you money if he gives you better advice than all your friends who say spend money on marble but forget decent windows. A responsible architect will keep the client on the track of reasonableness."

How much do I need to know about architecture to understand what an architect's talking about?

"The more the better."

"Very little, or nothing."

These statements, as different as they sound, were made in support of the same conviction: namely that good architecture is the product of successful communication between client and architect.

The first response, from Arne Bystrom, emphasizes the client's part in the dialogue. "My best clients have always been the most informed ones who have done a lot of background work and have a fairly good idea of what they want."

Bob Rietow says much the same thing: "We would always prefer to have an informed client. Our biggest frustration is a client who chooses not to participate, because then we may end up doing *our* building instead of *their* building."

Joel Glotter, whose answer was, "Very little, or nothing," speaks to the architect's responsibility to translate the client's needs, goals, functions and limitations into understandable language, much as a doctor's or lawyer's responsibility. "I think whatever knowledge you have might ease this translation process a bit, but I think it is not a difficult one."

Everyone experiences architecture every day, Norman Hotson points out, and knows what he likes and doesn't like. "Therefore, I would maintain that you don't need to know a great deal about it. It's up to the architect to express his ideas and concepts in a language that anyone can appreciate."

This means avoiding architectural jargon. "Quite often in a meeting," says Portland architect Brooks Gunsul, "I will throw out a basic word after somebody uses one that is not understandable because I think it's key that an architect communicate with his client. He gets into trouble when he doesn't. You've heard an architect say, 'This building addresses the street rather nicely, don't you think?' Bull."

Jerome Markson agrees in principle. "If you want to use jargon, get it out of your system by using it on each other in the office."

What am I letting myself in for if I hire an architect?

"The client who has never worked with an architect before may think the whole process is mysterious. He may imagine that he just has to sit back and the architect's going to go do his stuff and come back to him with a finished product," says Linda Ostberg.

Ostberg, and most of the other architects interviewed, characterized the client-architect relationship as a partnership.

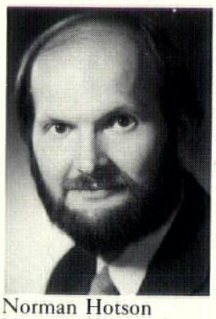
"It's kind of like getting married," says Brooks Gunsul. "If it's going to work, you've got to make it work. Each has to use the other, much like a marriage. The architect expects input from the client so he has some parameters within which to work. The client has the right to get a direct response from the architect within the rules they established. Because, let's face it, it's the client's building, not the architect's. The architect performs a service and sometimes this is overlooked."

It is to the client's benefit to take an active part in his building's development, according to Bob Rietow. He says that while developing a design for a client, his firm seeks to bring out "all of his experiences, all of his desires, all of his aspirations." In this process, Rietow says, the client develops a much greater understanding of his own business or project, whatever it might be.

This requires honesty from the client, as Neil Weber has discovered. "We've will throw out a basic word after somebody uses one that is not understandable because I think it's key that an architect communicate with his client. He gets into trouble when he doesn't. You've heard an architect say, 'This building addresses the street rather nicely, don't you think?' Bull."



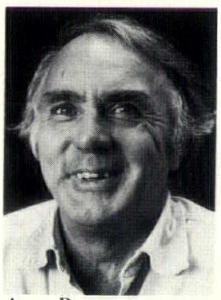
erome Markson
erome Markson Architects, Toronto, Ontario.



Norman Hotson
Norman Hotson Architects, Vancouver, British Columbia.



Linda M. Ostberg
The Ostberg Architects, St. Paul, MN.



Arne Bystrom
Architect,
Seattle, WA.

gone through a project all the way to the end and the clients have nodded and approved everything we've done. Then, out of the blue, they may say, 'Oh, this isn't really what we wanted.' They may have been expressing values they thought they wanted, but didn't really."

While the architects prefer clients to come to them with a clear idea of what they need and how it might be executed, they also hope the client will be open to new interpretations of what a building can be.

"I think you're opening up an opportunity to discuss ideas that may bring a new appreciation of the building process," says Jack Bloodgood. "As the architect goes along he helps you through a very difficult maze of selection choices. He helps organize those design and product solutions which should come first, then takes up the lesser decisions that follow in a logical sequence."

Says Jerome Markson, "We always describe what activities we're going to perform, from helping with programming, to design and working drawings, to supervision of construction, in great detail. There are two good reasons: so the client understands what the architect's going to do for him and because it is related to the fee. The architect always knows that the project could be wiped out at any point for various reasons, and the client is only going to be charged for the work done."

Jack Bloodgood stresses the usefulness of indicating stopping places to the client: "You needn't feel you're signing up for a life sentence to something you don't want to associate with if you feel you're on the wrong track."

And finally, clients should be prepared for frustrations in the construction of a building.

"They're in for some very trying times when they just can't understand how anything gets built," says Arne Bystrom. "It seems to me that things are getting harder and harder to do and taking longer and longer. It used to take six months to build a house and it's now getting to be eight months, if we're lucky. It's a trying process, but like everything else, an incredibly rewarding one."

How does an architect charge for services?

Generally, these days, an architect charges in one or more of three ways. They are:

1) A negotiated lump sum amount.

Brooks Gunsul says his firm often charges a lump sum for large projects. "We will generally do some hourly work at the front end of a job to define the project in terms of program and basic amounts. Once we know what it is, then we negotiate a lump sum based on the project. If the project changes, then we've got to renegotiate the fee."

2) An hourly rate with a stipulated guaranteed maximum fee.

Arne Bystrom prefers to charge in this way because, among other reasons, "The client realizes that the clock is going and tries to give me more direct and timely decisions."

This is also the method most often used by Linda Ostberg. "I generally charge a percentage of the estimated construction cost and work hourly until that maximum is reached. By putting a dollar figure on it right at the beginning, the clients know what they're getting in for."

3) The compensation management system, also known as cost-plus.

With this system, the architect describes the work to be performed and the compensation required for each portion. If the client chooses to spend more time in one area, then the firm charges more for it. LeRoy Bean uses this method of charging in his office and says he would like to see more firms adopt it. "I have a real problem with firms that accept fees on an open-ended percentage of construction costs without a guaranteed maximum. I think it has caused some problems in our profession and a lot of misunderstanding with clients. The closer we come to cost-plus, the better off we're going to be."

How do I know an architect's ideas are compatible with mine?

You never know for certain, said several of the architects, but the best way to find out is the most obvious way: simply sit down and talk with him. "Most of us are very charming," says Brooks Gunsul.

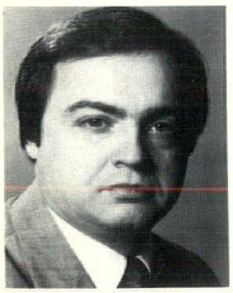
To Tom Martinson, senior project planner for Ellerbe Associates, the great variety of architectural points of view available to the client today makes it important that the client seek out an architect who does the type of work he likes.

"It is my contention that architects have predilections for various kinds of work; they have strong and weak points," he says. "First the client has to understand what is available. The second thing he's got to do is look for architects who can do that kind of thing. If you're a person who's into batik and soft clothes and are really kind of laid back, you really don't want the Miesian white-walled house, or vice versa. The way to do this is to go out to a building the architect is doing to see if it's your kind of building. Secondly, you've got to see if the chemistry's right with the architect."

It is not only important to be able to communicate readily, says Jack Bloodgood, but to feel free to critique each other as well. Many architects, he finds, dislike criticism from a client. "They feel that it's just criticism by committee or something of that sort. Whereas we feel that we do the best work when we have a good client critique. The most informed client stands to gain the best result."

Several architects say that seeing pictures of what the client likes or has in mind can be helpful in determining compatibility.

"Clients speak in various ways," says Bob Rietow. "Some come in and say 'We've got some ideas we're not sure you're comfortable with and here are some representations of those.' One of



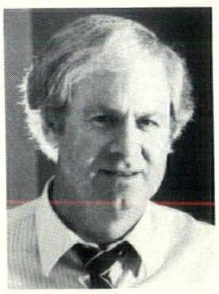
Thomas L. Bergseth
Corporate Architect,
Dayton-Hudson Corp.
Minneapolis.



Samuel T. Balen
Executive Director,
NCARB, Washington, D.C.



Neil Weber
Schwarz/Weber Architects, Minneapolis.



Leroy Bean
Leroy Bean Architecture, Sioux Falls, SD.
Director, AIA.



Joel H. Glotter
Smiley Glotter Associates, Minneapolis.

our very finest clients came in first time around with a hundred tear sheets from various magazines. I think this is very useful because eventually we do need to communicate graphically."

Arne Bystrom says that pictures can do more than help determine compatibility. "When I was younger I went through some experiences where I had gone all the way through the working drawing stage for a house the owners decided they didn't like," he says. "That's why I like to see some pictures and have the people see my work and talk with them so we can hopefully arrive at a mutual discovery."

The client, however, should be open to new ideas, too, according to Joel Glotter. "I think it is well for the client to assess the architect with an open mind. The architect should be able to expose you to ideas that you may not have thought of or have not been exposed to before. So, his ideas may or may not appear to be compatible."

No matter what the client is looking for in an architect, Linda Ostberg thinks a lot of discussion needs to take place "before pencil ever hits paper—and not even from a design standpoint, but just in abstract terms about what his partnership wants to accomplish. No question, the more the owner knows about architecture, the easier or more quickly he will be able to determine if an architect is going to be compatible."

How important is it to see an architect's work before hiring him or her?

"The single most important thing to do is to see the architect's completed work and the projects currently on the boards to find out how his design philosophy is implemented," states Tom Bergseth.

On the other hand, LeRoy Bean says, "We're really skeptical about showing our work at interviews without being very clear about what we're doing. What you see when looking at a building are the cosmetic features. You don't learn to what degree the building works functionally for the users, whether it solves the problems that were addressed in the programming, whether it really works, period."

While Arne Bystrom says, "I think it's very, very important that people look at an architect's work and select him by that means. Architects are often selected by a good-old-boy network—on the basis of whose friends you are, who you know, or how entertaining you are at cocktail parties, rather than on the quality of a person's work. The results often show it."

Most of the architects interviewed recommended seeing an architect's work before hiring him or her, but for different reasons. They also attached different levels of importance to it.

"I think it's important," says Jack Bloodgood, "to have a sense of what the architect has done, not so much to see work similar to what you want, but to see whether the architect is capable of flexibility in his thinking, or whether he works down one and only one avenue toward a solution. You should ask yourself, 'Can he adapt his work to my needs, or does he always do an identifiable thing that's drawn me to him because I like that style and expect only that from him?' "

Norman Hotson thinks seeing an architect's work helps, but it's not essential. He says it can be important in order to understand the designer's attitude toward the physical environment, to get a sense of where his aesthetic interests lie and to determine whether the two are compatible with the client's values; but it can also typecast the architect's work in the client's mind. "It works both ways," he says. "Sometimes you get work because people want something exactly like you've done before, even though the site might suggest something quite different. Or they may not hire you because of a certain thing you've done, despite the possibility that you may do it very differently for them."

To overcome the problem of being typecast and to help the prospective client understand an architect's work, Bob Rietow suggests that a prospective client visit a building, not with the architect but with the owner. "We can understand that, for whatever reason, you might not want us present. That's fine. But we would suggest that someone be on hand who can speak to you and answer questions about how that project evolved."

Linda Ostberg, like many young architects, sometimes faces the challenge of getting hired to design a type of building she has never done before. "It's really common in an interview for the prospective client to say, 'I want a house, show me fourteen houses you've done.' Or 'I want a school, show me all your schools.' I've always thought that was a drawback for people who have not done work in a particular area. So I think it's important to see an architect's work from the standpoint of how the materials are put together, how the concepts were employed, the quality of the detailing. I don't think it's necessarily important that an architect has done a building just like the one you want, because each should be evaluated and designed according to its own criteria and merits."

No matter how you select an architect, creativity is the most important quality an architect possesses, according to Tom Martinson, as well as the most difficult to measure. "If you were to meter an architect's head and somehow measure creativity, you would find a huge difference between the most creative and the least creative architects. I would say that judging creativity is not so much a matter of looking for pure originality as it is recognizing an architect's ability to find fresh and pleasing ways of solving the problem."

Edited by Elizabeth Hallstrom



ohn D. Bloodgood
Bloodgood Architects,
Des Moines, IA.



Robert G. Rietow
Bentz/Thompson/Rietow. President,
MSAIA.



Brooks Gunsul
Zimmer Gunsul
Frasca Partnership,
Portland, OR.



Tom Martinson
Ellerbe Associates,
Bloomington, MN.

MINNESOTA SOCIETY SALUTES THE 25TH ANNUAL HONOR AWARDS WINNERS

From a field of 92 entries in the 1981 Awards Program, six buildings were selected by a distinguished jury to receive awards for excellence in design. All six winning structures are located in Minnesota, two of them the work of one architectural firm. Two awards went to housing—one for a government-aided townhouse development and the other for a single-family residence. The other winners were a law school building, an interpretive center, a performing arts center, and a new restaurant in a landmark building. Members of the 1981 Honor Awards Jury were: *Thomas Hall Beeby,* Director of the School of Architecture at the University of Illinois, Chicago Circle and a partner in the firm of Hammond Beeby and Babka; *Richard Green,* a principal in the Cambridge, Massachusetts firm of Hugh Stubbins and Associates and a designer of a number of that firm's large-scale projects; and *William Pederson,* a principal in the firm of Kohn, Pederson, Fox, New York City, and formerly a senior designer for I.M. Pei & Partners, Pietro Belluschi, and Leonard Parker Associates.

The winners:

Myles Reif Performing Arts Center, Grand Rapids MN, Designed by Hammel Green and Abrahamson, St. Paul.

Jefferson Square townhouse development, Northfield, MN. Designed by Arvid Elness Architects, Inc., Minneapolis.

Les Quatre Amis Restaurant, Minneapolis. Designed by Design Consortium, Inc., Minneapolis.

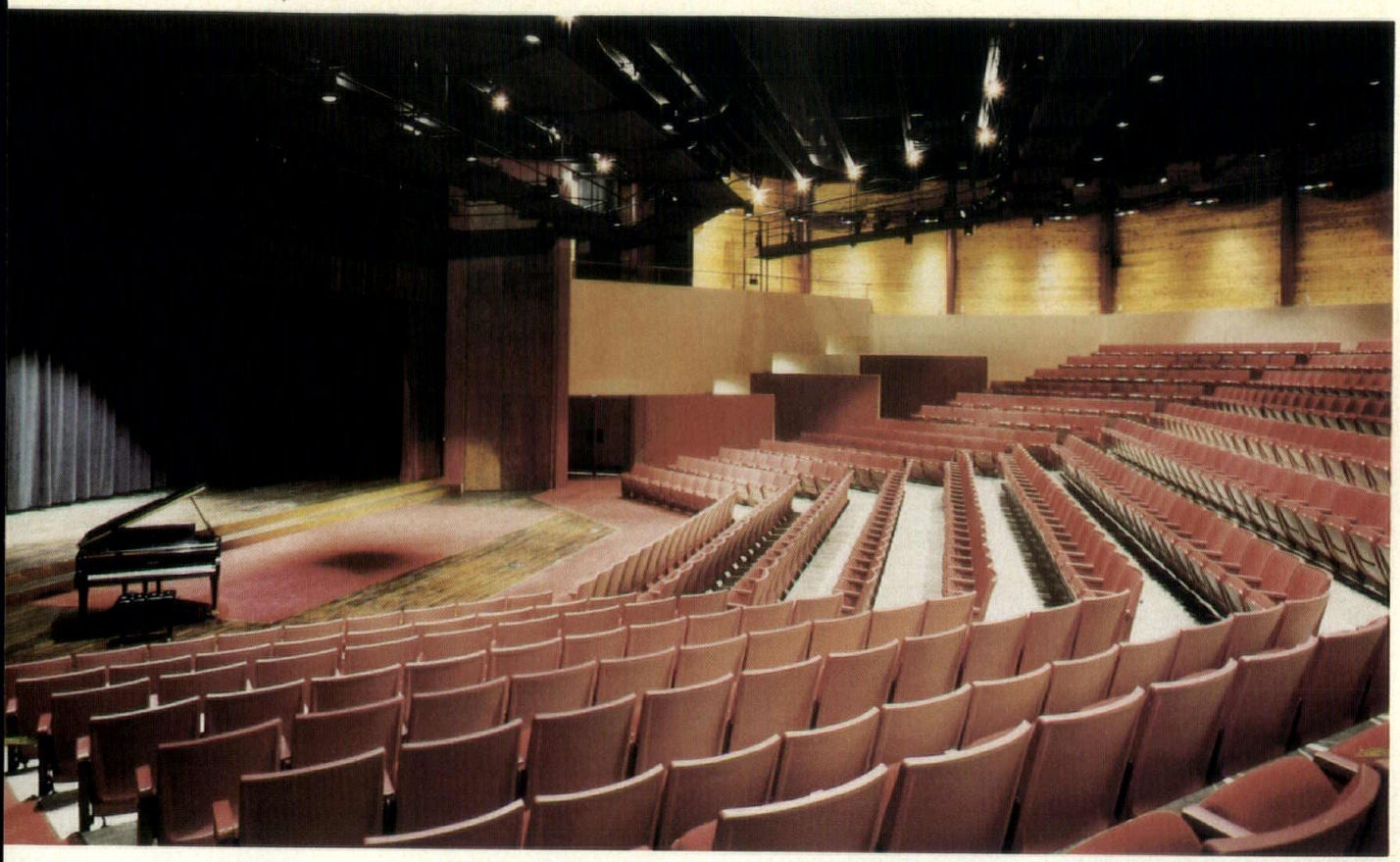
Hamline University School of Law, St. Paul, MN. Designed by Hammel Green and Abrahamson, St. Paul.

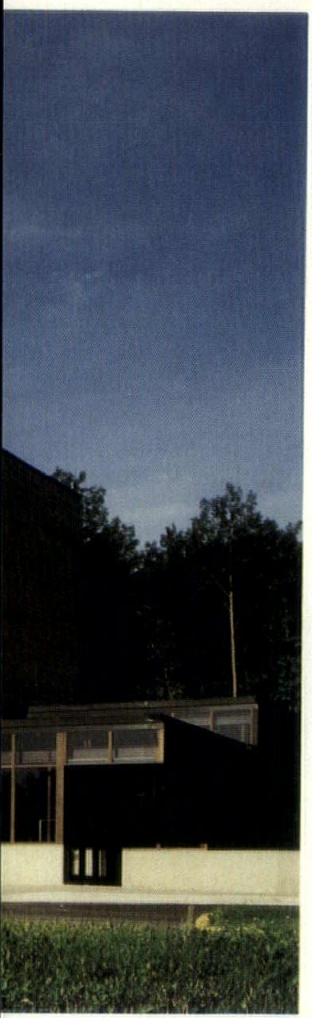
Oliver Hudson Kelly Interpretive Center, Elk River, MN. Designed by Thorsen & Thorshov Associates, Inc., Minneapolis.

LeJeune Residence, Orono, MN. Designed by Frederick Bentz/Milo Thompson/Robert Rietow, Inc., Minneapolis.

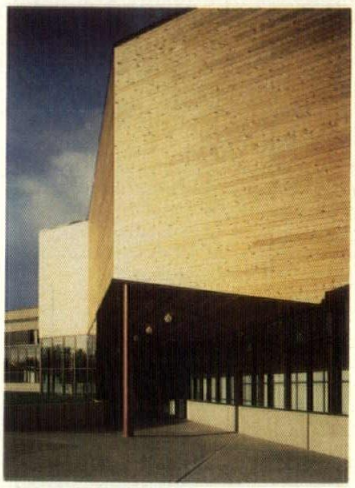


PHOTOGRAPHS: LEA BABCOCK









25 HONOR AWARD

AN ART CENTER REWARDS A COMMUNITY'S CULTURAL AMBITIONS

If pleasing the client is the name of the game, architects Hammel Green and Abrahamson doubtless take special pride in the Myles Reif Performing Arts Center at Grand Rapids, MN. For the success of this striking cedar-faced theater structure stems from an unusual collaboration between the local arts association and the school district, both of whom needed, and got, a beautiful facility where each may mount theatrical and musical productions.

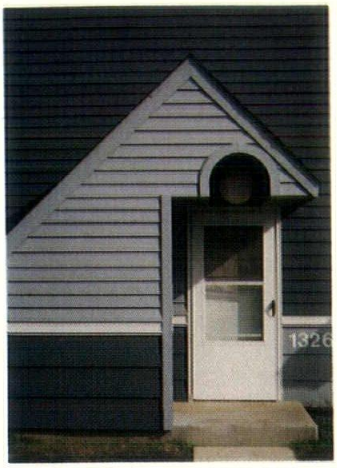
The new arts center is all the more notable for being an altogether dissimilar addition to an existing high school: architecturally, the old and the new have nothing in common, save for the art center's unobtrusive siting in a dramatic setting. The entry to the site is by a narrow curving road through a pine forest; seen in a clearing, the center's cedar wood siding forms an architectural banner across the front of the structure.

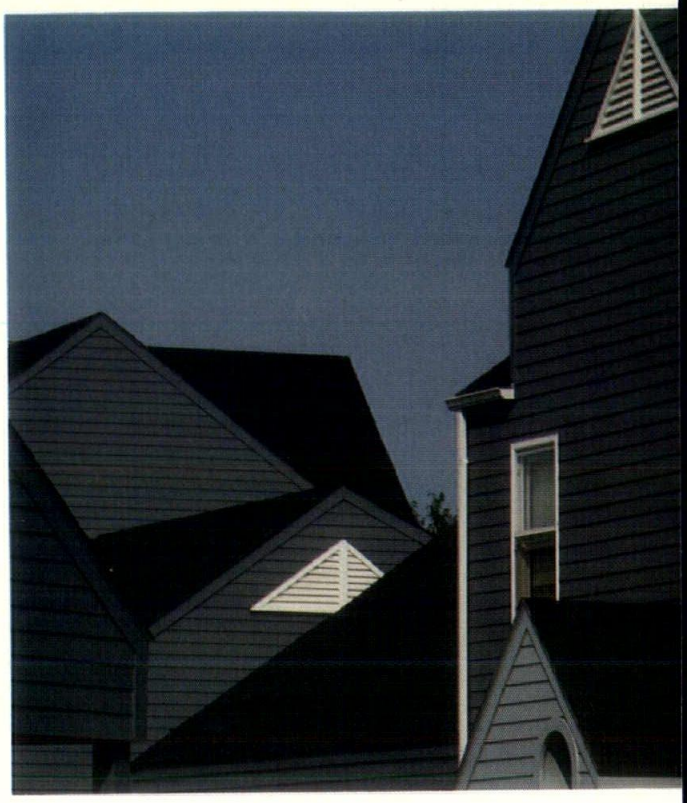
Indoors, the major performing space is a theater designed for maximum flexibility, thanks to an elaborate catwalk system, adjustable acoustical panels, removable sound-deflecting baffles, and seating which can be expanded from a fixed 630 to a maximum of 700 seats.

The MSAIA Honor Awards jury gave the Myles Reif Performing Arts Center high marks for "the contrast between the old and new buildings ... dealt with in juxtaposition very skillfully." The jurors further commended the interior's "festive appearance," largely attributable to "the reappearance of the exterior wood."

25 HONOR AWARD

QUALITY LIVING AT $30,000 A UNIT





The Jefferson Square townhouse development designed by Arvid Elness Architects is another of those infrequently seen but always reassuring demonstrations that good housing at an affordable price is still possible. Built on a 5.5 acre site on the outskirts of Northfield, Jefferson Square was brought in at a total construction cost of $1,514,971, or a remarkable $30,000 a unit.

But it would have been an exemplary multi-unit project at any cost. Though financially aided through HUD Section 8 Federal funding, the project neither looks nor functions as "public housing" in the perjorative sense of the label. It is first a very nice place for children, with its generous open space and well-designed outdoor gym situated cheek by jowl with nearby corn fields. If the design is a little too self-consciously post-modernish with its timid half moon cutouts over the stoops of each unit, what's the harm in echoing what the carriage trade is spending big bucks for? Moreover, the cool blue clapboard exteriors and variegated roofline profile do indeed give Jefferson Square a high-style attribute that belies its modest economic circumstances.

In analyzing this project, the Honor Awards jury applauded it in these words: "The public/private nature of the project is very well done, yet seems so simple, with its communal village kind of atmosphere. The details work very well at all three scales: the urban design scale, project scale and human scale." It added that "the wainscoting adds a playfulness and liveliness to the facade."

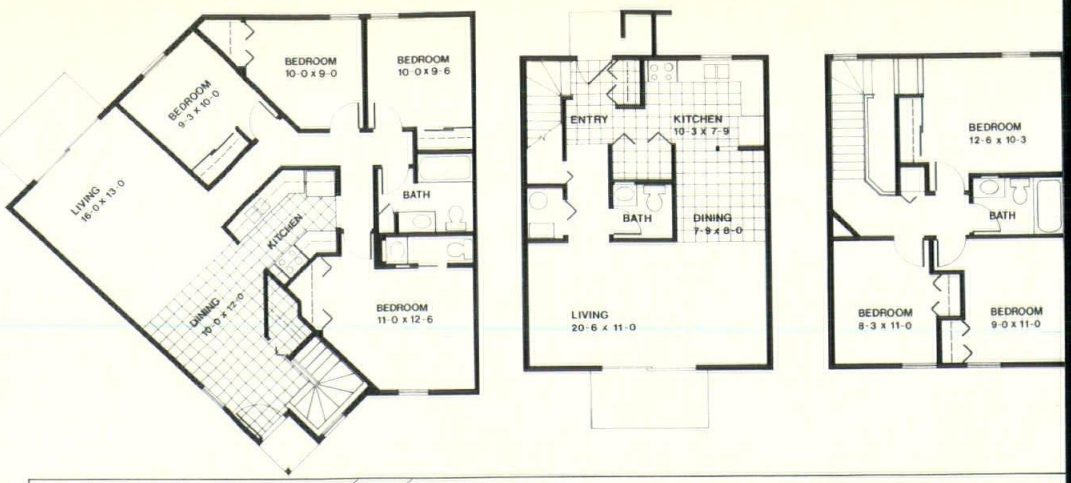


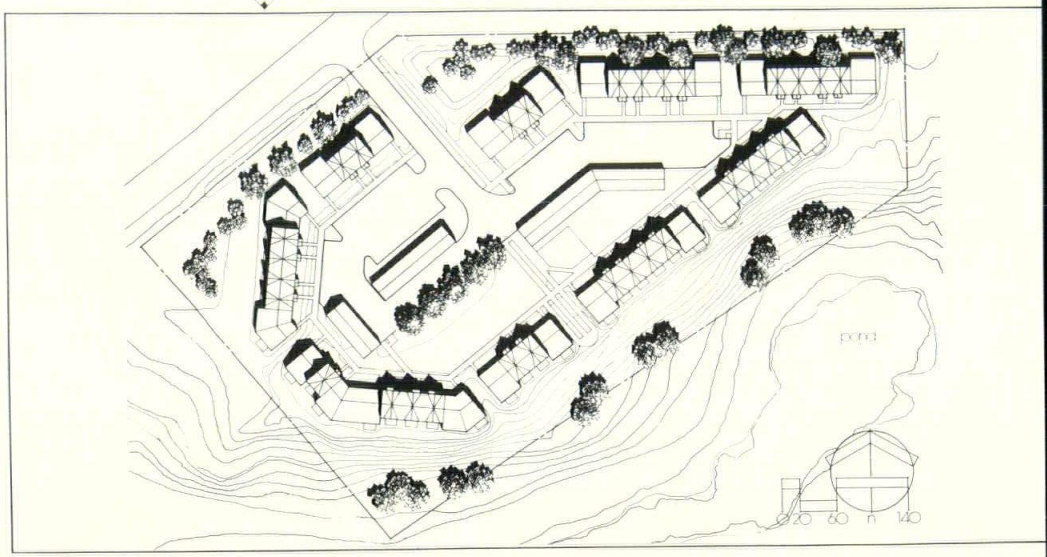


Literally a prairie project, the Jefferson Square townhouses form an arresting silhouette on its exurban site near Northfield (below). As noted by the Honor Awards jury, "The individual units are done so that the residents have an identity (far left)." The play area for youngsters is enjoyed as a whole miniscale environment, yet its strategic location assures easy parental surveillance and supervision. Rhythmic alternation of two-story, one-story units contribute appreciably to an interesting architectural geometry unlike the visual monotony often associated with moderate-cost housing.

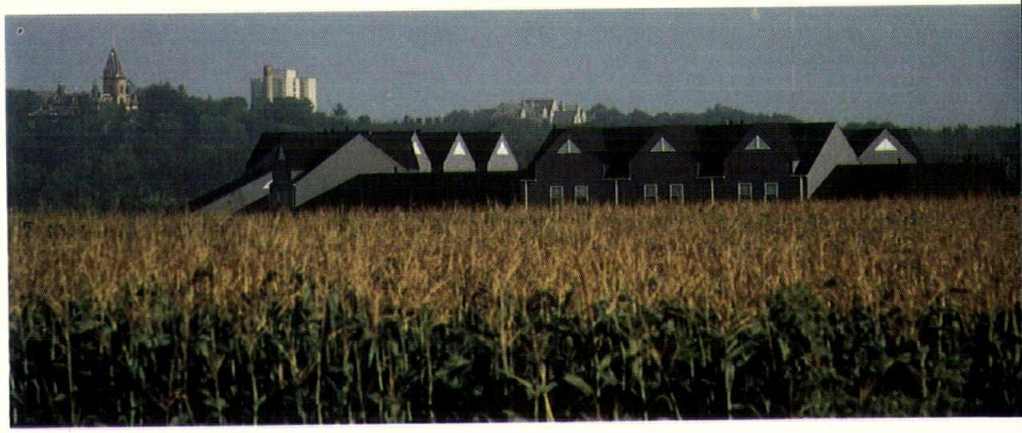


Straightforward plans in a self-contained "village" yield a sense of family security





As a place to live, Jefferson Square responds to two social needs equally well: it ensures the near-total privacy never attainable in comparable single-family housing, yet it also aggregates as an easy-to-assimilate social place. Much credit for both of these virtues traces to a site plan that both buffers project segments from two-close proximity and provides comfortable elbow room through the greensward flowing through the property. Almost in the way the Midwest pioneers circled their prairie schooners for protection against hostile elements, Jefferson Square effectively closes up its ends with obliquely angled multi-unit segments. Note how these segments are cleverly "bent" through the expedient of a corner unit that acts as a hinge (floor plan top left and site plan). A further benefit from Jefferson Square's self-enclosing site plan is the psychological and actual climate-modifying configuration in this four-season setting. Yet despite the project's self-containment, it also enjoys the best of two worlds: agrarian to a point of near-invisibility when the corn crop has reached its peak, but still only a couple of stone's throws from the civilizing advantages of downtown Northfield.



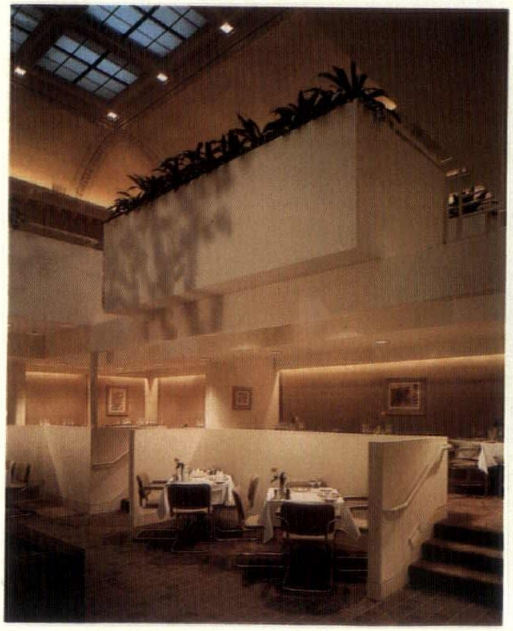


25 HONOR AWARD

A FINE PLACE FOR "FOUR FRIENDS"

Les Quatre Amis, an elegant restaurant designed by Design Consortium, Inc., occupies a formerly vacant light well in the Lumber Exchange, one of the finest landmark buildings in downtown Minneapolis. Virtually an architectural slipcover within the old space, it is notable for its spatial ambience and sense of having been designed just for those at your table. (See also *AM*, June/July, 1981.)

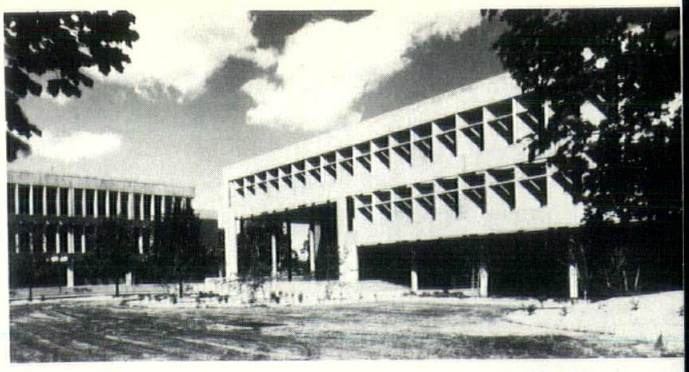






25 HONOR AWARD

A CASE OF ARTFUL SHOEHORNING





PHOTOGRAPHS: LEA BABCOCK

South-facing exterior of the Hamline School of Law (above) presents a sunscreen wall which neatly obscures skylights. These skylights, running almost the breadth of the building three stories high, admit the superabundance of daylight that gives the building's main interior thoroughfare the character of an urban street (right). The opposite side of the school faces inward toward the main campus complex of buildings (top), with which it may be seen to co-exist harmoniously.





The Hamline University School of Law, the second of Hammel Green and Abrahamson's 1981 Honor Award winners, occupies a site bearing no resemblance whatever to the clearing in a forest on which its first winner, a performing arts center (page 39), stands. It is a structure that not only had to be fitted on a space-shy university campus in the midst of a residential neighborhood of single-family houses—it also had to relate agreeably to nearby university buildings of greater height and mass. No mean challenge, but one HGA met admirably. It seems apt to describe the exterior as architecturally judicious. An interplay of concrete planes and strong brick volumes (they enclose the stairwells at either end) produce a building form of considerable compatibility with its man-made surroundings.

Indoors, this law school is something else. The seriousness of its professional purpose is clearly evident in the care and quality invested in all of its interior spaces. The moot court is the visual and academic centerpiece, two stories high and viewable by spectators from above, it is finely detailed and suitably imposing to the students who practice arguing their cases here. The two-level library dominating the second and third floors and the classrooms are planned with meticulous care; and all interiors are, by educational facilities standards, luxuriously furnished and equipped.

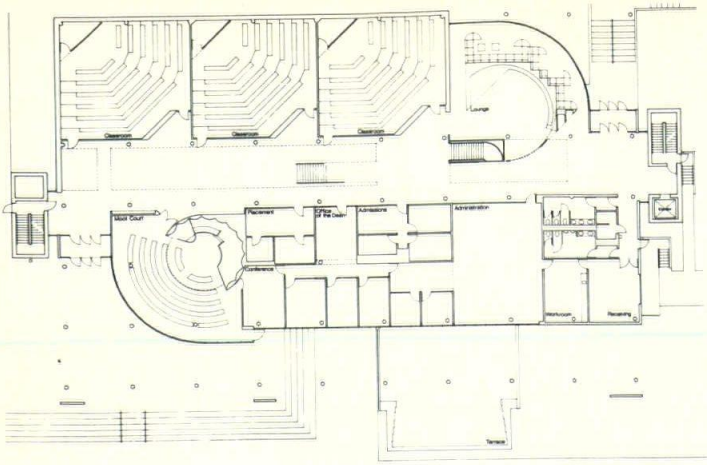
But the Hamline School of Law deserves further commendation for the architectural appreciation of what makes a satisfying social milieu for today's jeans-clad graduate students, informal almost to a fault, without lapsing into condescension.



ut-sized classroom assumes oth the scale and feeling of a eater (above) as students sit ring to hear a lecture. In eeping with the changing mes, all smoking in the uilding is confined to a spe- ally designated lounge earing the admonition on its ntrance, "keep this door osed at all times."

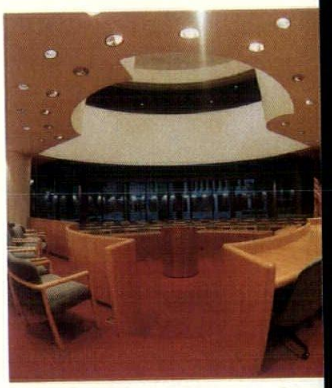
Student lounge is more of a sprawl, its capacious sofa surfaces encouraging students to kick off their shoes and stretch out. This main lounge is bathed in light from a south window wall and is located conveniently off one terminal point of the central indoor "street."





The Law School plan organizes administrative and academic activities vertically, as in a small-town business block, on one side of the major pedestrian street. The most imposing space along the street is the moot court, which is located toward one end. The MSAIA Honor Awards jury felt that HGA's "consistency of planning" is one of the strongest points of the structure. They noted, "Handling of all parts of the project was very sophisticated. The site was a difficult one and the scale transition from larger surrounding buildings to residential areas was handled very well." Also impressive to the jury was the "successful" detailing of the library. A notably handsome space, the Law School's moot court is richly appointed, though by no means forbidding; its sculptured cutaway ceiling links the proceedings in the courtroom with a semicircular gallery around which students may sit and observe (below). And when they weary of spectating, they may back off a step or two to another of the school's inviting lounge areas.







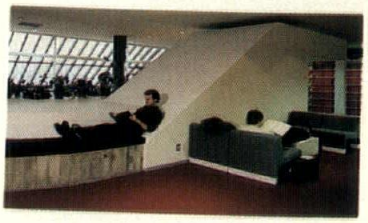


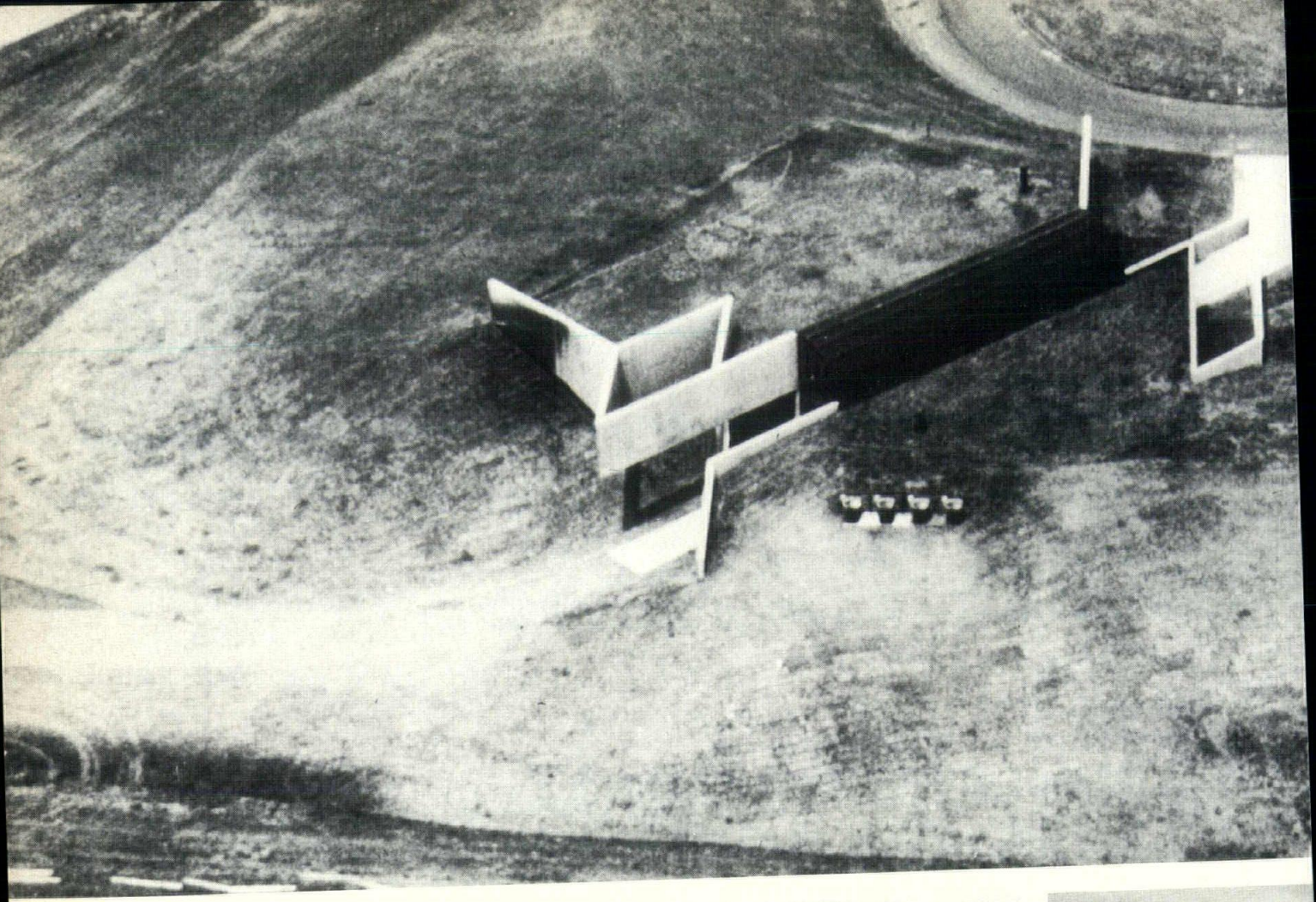


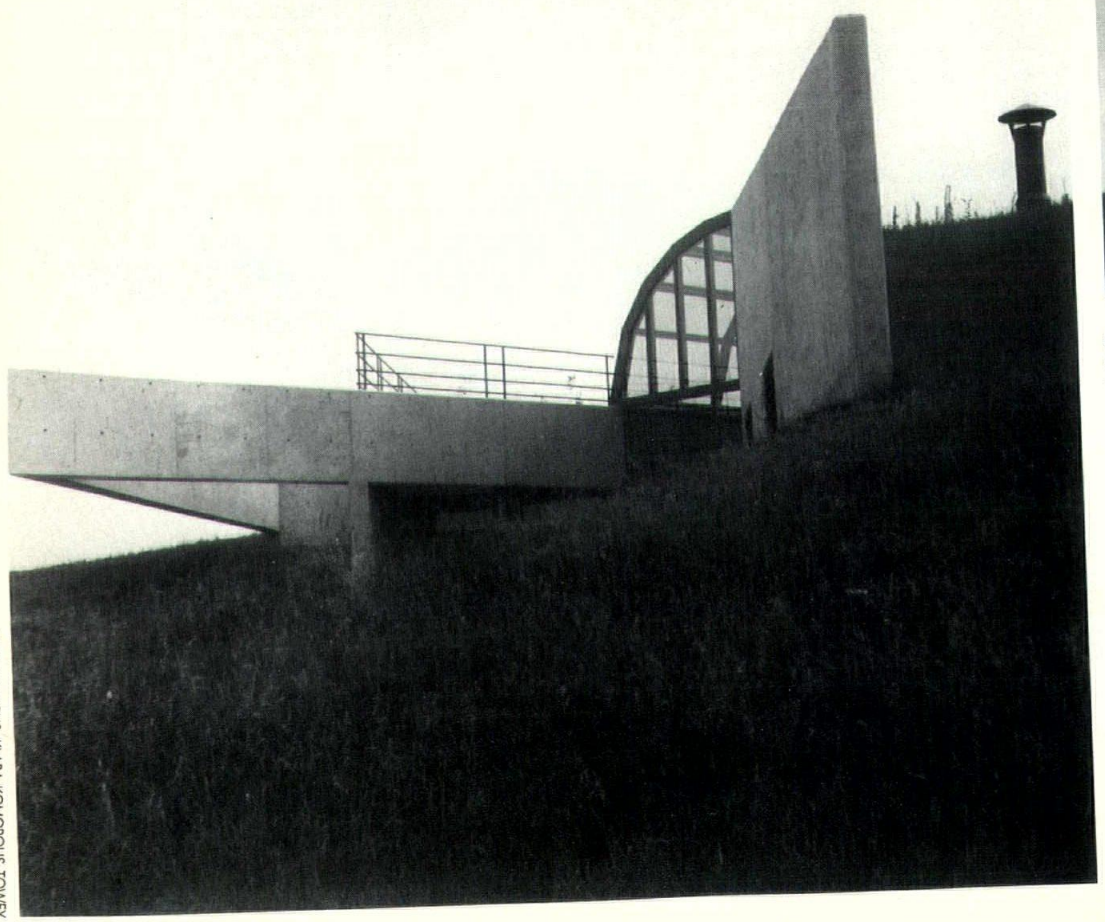


This school's academic environment, though unstuffy, is conducive to hitting the books

Heart of any law school is its library, and Hamline's functions exceptionally well. Its perimeter is bordered with bright-hued study carrels (above) which are bathed in daylight that enters through shoji-like screens. The library's central circulation artery and major interior focal point is its carpeted and burgundy-railed stairway. As in every school extant, students will lounge wherever there's a back rest (below)—in this case on a stairway incline in the library.









Seen from the air (top), th
Oliver Hudson Kelley In
terpretive Center makes it
presence unobtrusively felt, it
concrete geometry punctua
ing an otherwise earth-she
tered structure. Sharp centra
cut in the natural grade serve
effectively to create an arch
tectural "gateway" for vis
tors between Center and far
vista. Landscaped observa
tion platform (left) yields a
explicit, story-telling pano
rama. As part of a three-yea
planting plan, prairie grass
being established to cover th
Center's earthen surfac
thereby rendering the arch
tecture even more diffident.

PHOTOGRAPHS: KLARA KOMOROUS-TOWEY

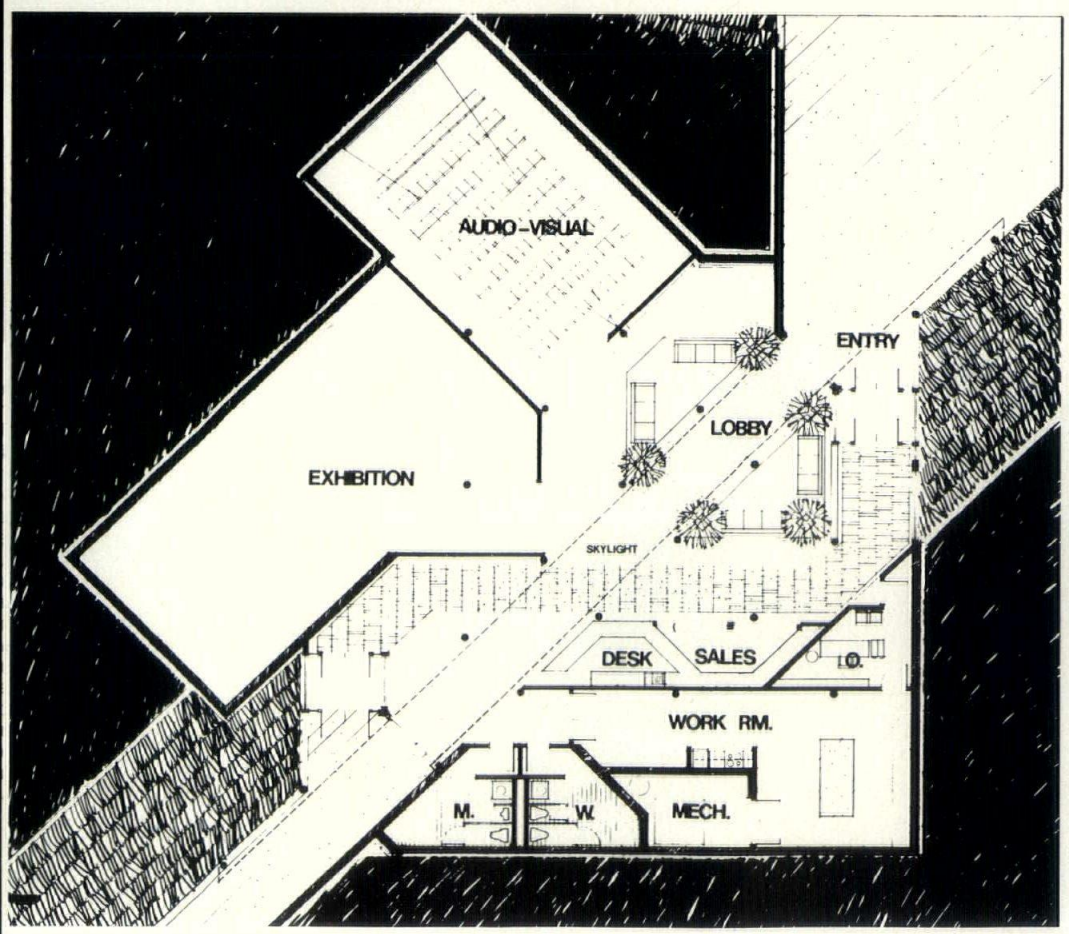


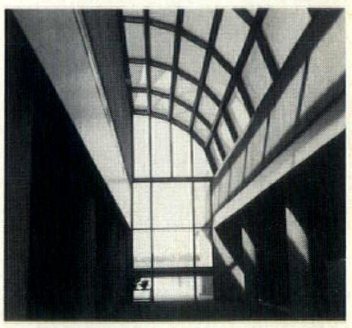
25 HONOR AWARD

TO HONOR A FARM, LESS IS BEST

In a state where the words "farm" and "labor" spell potent politics, the "birthplace of organized agriculture" warrants special attention. So it was natural that the Minnesota Historical Society should decide to pay homage to the Oliver Hudson Kelley farm, where the National Grange of the Patrons of Animal Husbandry was founded in the late 19th century, by building an interpretive center on this historic farmstead near Elk River, twenty miles north of the Twin Cities. The inherent challenge to Thorsen & Thorshov Associates, the Minneapolis architectural firm commissioned to design the Oliver Hudson Kelley Interpretive Center, was to make sure its solution, out of deference to the farmstead itself, manifested a very low profile. They succeeded admirably, as the photos and plan herewith affirm.

The basic design strategy finds the Center occupying a transitional position midway between a busy highway and the Kelley farmhouse itself (the original barn and other support structures, now being rebuilt, will complete the bucolic picture). As the visitor approaches the site, the farmhouse is glimpsed briefly from afar to the Center, then *back to the farmhouse* after arriving at the parking area adjacent to the essentially earth-sheltered Center. A very sound piece of theatre in an unexceptional prairie land setting. A major feature of the Center's interior is its pedestrian spine that channels visitors either to the exhibition and audio-visual spaces on one side or the staff and toilet area on the other (see plan). An abundance of natural light enters these spaces through a south-facing arched skylight running the spine's length (below). Of the Center, the Honor Awards jury remarked, "There is good dialogue between the demands of the site and the demands of the program."

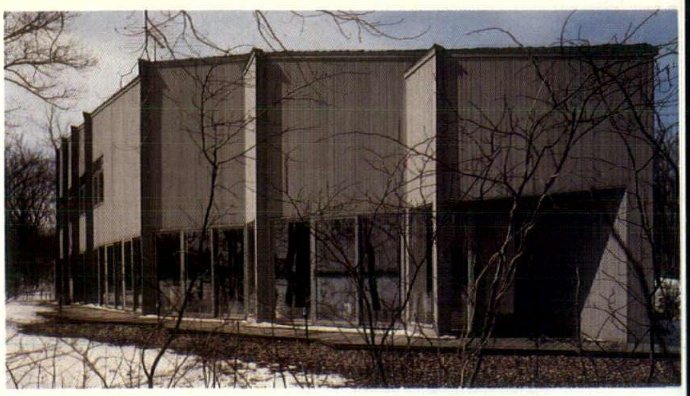






25 HONOR AWARD

THE BIGGEST WINNER OF ALL





PHOTOGRAPHS: PHILIP MACMILLAN JAMES.

For the firm of Bentz/Thompson/Rietow, winning an MSAIA Honor Award for their LeJeune residence was but a glorious beginning. Subsequently, it also won the most coveted prize of all—a national AIA Honor Award.

Like the prow of a sleek sailboat, this handsome structure seems to knife cleanly through its verdant setting on the western shores of Lake Minnetonka (right), though sited solidly within a sloping triangular-shaped site. It is an elegant home which conveys a judicious sense of privacy by turning its back to the street, pitching its cedar-shingled roof at a low angle typical of the neighborhood, and concentrating major glass areas to the rear, or lake side. It does all this without closing itself off completely from the landscape. On the contrary, the living spaces are splayed pivotally around the central fireplace mass in a stepped pattern which allows each space generous access to the lakeside property and, not incidentally, plenty of natural light (left).

The Honor Awards jury called the design "an extraordinary expression of the building's response to the site." They felt it was a "powerful orientation in perfect alignment to solar angles."



The Architect as Entrepreneur

The point, of course, is not whether having a piece of the action (or even all *of it) is right or wrong. The real question is whether entrepreneurial architects can produce better architecture. Here is one yea-sayer's views.*

By Bonnie Richter

The very word "developer" has traditionally conjured mean visions in the design-oriented architect. Developers are purported to be crassly commercial (they make lots of money); they are artless (they abide by the budget); they desecrate the environment (they don't usually hire architects and when they do, they don't hire "good" ones); they build marketplace architecture (it doesn't get published in *Progressive Architecture* or *Architectural Record*, or win AIA design awards)—and the litany goes on.

Despite all the alleged shortcomings, there are two facts worth noting. By conservative estimate from *Dodge/Sweet's Construction Outlook*, real estate developers are responsible for at least two-thirds of the building construction in this country. That is, they have an inordinate influence on our surroundings. And real estate development, at least until recently, has been reasonably lucrative.

When architects themselves began to move into the development field, cries of heresy were heard throughout the profession. There was a perceived conflict of interest. Some, however, disagreed. Tom Van Housen, a Minneapolis architect, was one of those. He resigned from his board position with the Minnesota Society of Architects to fight for development rights for architects. He was the only architect from Minnesota to take that issue to the national level, working with the American Institute of Architects on ethical guidelines. He knew then, as many do today, that architects should take note of those two incontrovertible facts of development previously mentioned. For they argue persuasively that development can provide architects the opportunity to take a leadership position in shaping the physical environment and controlling their economic future.

While the notion of architect-as-developer dates back to at least as early as John Nash's Regent's Park housing and commercial projects in nineteenth-century London, Atlanta's John Portman, FAIA, has probably been the twentieth-century's most notable proponent. Beginning with Peachtree Center in Atlanta, Portman set the stage for a new kind of business and professional organization. His design and development of the Hyatt Regency Hotel there in 1967, with its eye-popping 23-story atrium, drew international attention and demonstrated that marketplace architecture could be successful, both as exceptional design and sound economics.

As Portman moved through other projects (among them the Embarcadero Center in San Francisco, the Bonaventure Hotel in Los Angeles and the Renaissance Center in Detroit), his knowledge was gained through entrepreneurial proclivities. The legal, financial and economic components of development became overlays added to his architecture and engineering foundations. The whole construction was fashioned specifically to meet the needs and abilities of his firm.

But as several Minnesota architecture firms will attest, learning to be a developer is no small task; it is perhaps akin to a pianist's learning Ravel's Gaspard Suite by ear. (The music appears on the exterior of the Minneapolis Schmitt Music Store, if you wonder how difficult that is.) It is not standard fare at the university; developers who are successful are loathe to reveal their secrets, so few first-rate texts are available. Banks and other lending institutions give some information, but prefe that you be the expert. And attorneys like to be paid for advice.

There is also the element of risk—f nancial, professional and, occasionally personal—that must be weighed agai potential gain. Development is not, i short, for the faint-hearted. A look at several Twin Cities architects' experiences can lend insight to some of the payoffs, pitfalls and pratfalls of the d velopment process.

Consider the experience of Zuber sociates, Inc., a young Bloomington-based firm. It encountered nearly eve potential disaster its first time out bu managed to triumph in the end. All right ingredients seemed to be there—housing shortage in St. Paul, a gove ment low-interest mortgage guarante for new units, a stable middle-class community with a dilapidated structu up for sale. A former church becam row of townhouses, the neighborhoo got a facelift, the city put an exempt piece of property on the tax rolls ag and St. Paul gained four (soon to b six) families.

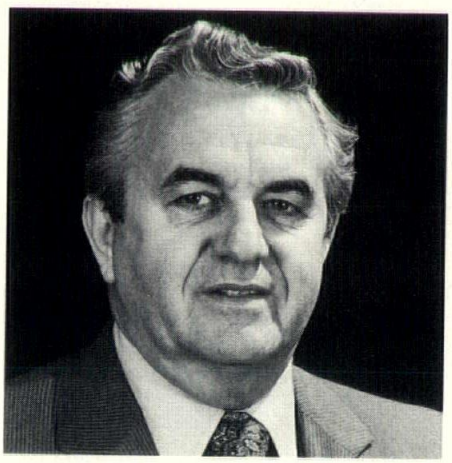
All very nice indeed, except for nearly endless community meetings ate up fees, double-digit inflation th drove construction costs up, a gover ment loan program that was prema turely curtailed when a new admini tion took office, a general slump in real estate market, and a building t was over-designed for its neighborh (Summit Hill, yes; the blue collar North End, no).

Satisfying all the governmental r quirements was a major portion of project, according to John Sirny at ber. Documents an inch and a half thick had to be digested that told h apply, how the program runs, how qualify a buyer, construction requi ments, etc. "But as a result," says S "I feel that the level of developme improved. City programs carry wi them a very careful review. They a level of quality. For example, th

quirement that buildings must be super-insulated is improving the quality of the built environment. And the city now wants to use our project as an example, saying, 'We've had all these ordinary projects and here is an architectural one that shows how much more can be done.' The city has been very helpful every step of the way."

All of this time represents up-front cost, whether spent tracking down government programs, applying for them, administering them, or clearing city councils, community organizations and zoning boards. Then there is the financial side of lining up investors, assuring long-term commitments, dealing with an uncertain economy, judging the market, the location and the size of the project, as well as meeting land payments and assuring construction costs and quality. All these expenses must be covered while your income is zero. "Things just don't happen overnight," says Sirny, a bit rueful after having spent months doing the paper and leg work on this one. "But I'm glad we did it. We learned from it and we're going to do the next one better."

From the standpoint of the firm, the experience has been valuable. "It made us a better buy for another developer who needs an architect," according to Jeri Zuber. The project generated fees at a time when the office needed new work, but the design/build aspect wasn't quite as remunerative as expected. "We thought we'd make money the first time," Zuber recalls. "That's a naive approach. We were lucky to break even." Delays in start-up time played havoc with the firm's construction estimates. For the initial investors, most of whom were Zuber staff members, the project should eventually produce about a 30 percent return. "But for the risk we took, I'm not sure we should have done it," says Zuber. Personal assets had to be used as collateral to cover development costs because a young firm without assets cannot establish an adequate line of credit. "Now that we've completed the project, it makes a difference with the bank," says Zuber. "We've got a track record." The firm is currently well into another housing development in St. Paul, feeling much more aware of the financial ramifications of what they do as architects. For one thing, they know what it means to be over-budget.



Tom Van Housen: an early advocate of architect involvement in development.

The next one usually does go better, according to Richard Zejdlik of Zejdlik, Harmala, DeLapp, Inc., Minneapolis. For Zejdlik there have been so many "next-times" that he has almost reduced his housing development projects to a formula. He is now in the enviable position of not having to look for investors but having to choose from many interested parties.

Zejdlik started in the housing market when an apartment developer for whom he was doing some architectural engineering work became disenchanted with the building's costs. That was in the mid-1960s and Zejdlik took over the project to recoup his fees. "It taught me to become more involved in construction," says Zejdlik, "just at a time when government programs changed." The timing was important because of the timely arrival of the turnkey system which enabled developers to build strictly for sale, cutting architects out of a considerable amount of work. With government-backed construction loans and a ready market for tax-sheltered properties, the traditional developer could forego the "luxury" of architectural design. "I started my own development corporation to compete," says Zejdlik, who was the first turnkey developer in North Dakota and Iowa and the first architect to become a turnkey developer in Minnesota. "It has effectively taken me out of the active practice of architecture," he says.

That involvement eventually grew to a cradle-to-the-grave approach to housing that can include development, architecture and engineering, construction, ownership, and management. The result is that where Zejdlik used to need approximately one new project each month to keep going as an architect, he now can keep his firm busy for about a year and a half on that same job, generating fees each step of the way. "It contributes to my income, but it also contributes to my way of life," says Zejdlik, who clearly savors his independence. "The times dictate everything, and the development role has given me the flexibility to go with the times." How does he plan to counteract the high interest rates that have brought housing starts to a standstill? "If Washington's going to let this industry go to hell, I'll just button up. I've got my management business and holdings to carry me," he says.

The role of government in the vicissitudes of the development process cannot be overstated. Aside from direct government programs and the general health of the economy, the government also gives direction through tax incentives. Ankeny, Kell and Associates, Inc., St. Paul, for example, has found advantage in adaptive reuse, particularly under the new tax laws of the Reagan Administration. Having worked for other developers, Ankeny/Kell decided to become involved itself when it purchased Baker School in St. Paul. It has been a learn-as-you-go exercise that has both whetted their appetites for more and left them sleepless nights wondering whether the gambit will pay off.

The school itself has recently been converted to commercial space in a non-proven market area, with housing even-

Says one architect-entrepreneur, "To actually own it when you're done is to be part of the life and emotion of the project."

tually scheduled to fill the 2.5 acre site. It is located near the St. Paul-Minneapolis border in the Midway, and intersected by freeways. Ankeny/Kell is counting on location to draw office tenants to Baker Court.

The firm became interested in development as a means to control the level of work in the office. "Roughly ten to fifteen percent of our gross revenues for the year are our own projects. In the future, it will probably be 50 to 60 percent," according to Duane Kell. Ownership, or equity interest, has strong appeal as well. "As architects, we give a project all kinds of care and love for two to three years. Then we walk away from it. To actually own it when you're done is to be part of the life and emotion of the project, and to really enjoy it," according to Kell.

That great sigh of relief when the building is up and running frequently comes only after much struggle. "You have to be tenacious to do development," says Kell, who would have probably given up on the project a dozen times were it not for his sense of commitment. When Ankeny/Kell first heard that the school would be up for sale, it recognized the rehab possibilities that eventually led the firm to purchase it. Little did the architects know how expensive and complex that transaction would become. St. Paul City Council hearings and neighborhood meetings ground on for months, giving the firm a liberal education in government programs related to private financing. "You must be willing to be involved politically, because whether you like it or not you're going to be—you have to be," says Kell. He and Ronald Ankeny eventually were handed a four-inch thick document to which each signed his name 104 times. St. Paul now has another taxable property and may soon have additional housing, thanks to the rehabbing of a handsome but obsolescent schoolhouse. As was the case with Zuber's Cook Crossing condominiums, Ankeny/Kell's Baker Court has contributed to the maintenance and enhancement of the urban environment; and the ripple effect should radiate for several blocks in all directions.

On a larger scale, development projects have the ability to affect the life of whole cities. Ellerbe, Inc., of Bloomington, has been able to achieve full community-scale results with several projects generated by Landmark, a division of Appletree Enterprises, Inc., a wholly owned subsidiary of Ellerbe.

Ellerbe's Tom Van Housen sparked the founding of Landmark in 1971 to offset the impact of the large design/build firms that had moved in on traditional architectural fields. "We, as an architecture and engineering firm, felt we could be much more professional," Van Housen says today. "We didn't think we should just back off as the profession had done in the housing industry. We believed we could do a better job if we were realistic about the marketplace. We had the skills, the education."

Ellerbe soon found a development niche in the civic center and hotel/convention center market for mid-sized American cities. Its first urban revitalization experience came in the early 1970s when Landmark played the lead development role in Kentucky's Lexington Center. The $50-million facility covered an 11-acre urban renewal site in Lexington's central business district and included the 23,000-seat Rupp Arena, then the largest basketball arena in the nation. Other Center structures were a 70,000 square foot exhibition hall, a glass-enclosed, three-level retail igan to develop a hotel/convention cenacross the river, now seem ready to go story atrium court.

Located in the heart of Kentucky's thoroughbred horse country, the economically depressed city of Lexington presented a startling contrast. It was a case of civic stagnation in the midst of affluence. Lexington Center provided a much-needed stimulus by bringing the gentry back to the city to shop in the exclusive stores and dine in the first-class restaurants. Investment was rekindled throughout the city; plywood windows have been peeled off storefronts and new commercial businesses have moved in. Over $75 million in new construction began almost immediately around the complex, including completion of a 27-story office building that had been on hold. The ripple effect became a wave.

When Ellerbe went into Flint, Michigan to develop a hotel/convention center there, the pattern was repeated. In an area hit by the ailing automobile industry, the 15-story, 390-room Flint Hyatt Regency Hotel and attached 40,000 square foot convention center recently opened as part of Riverfront Center, an ambitious plan for revitalizing the city's central business district. Plans for the theme park Auto World, across the river, now seem ready to go ahead. The city has torn down some of the dilapidated buildings in the area and nearby buildings are upgrading their exteriors. Ellerbe is now developing similar multi-use commercial projects in Minneapolis; Lynchburg, Virginia; Lansing, Michigan; and Fort Myers, Florida—all with a major hotel/convention center component.

It sounds deceptively simple. Construct a major new facility and everyone around it will pick up on that enthusiasm. But the negotiations to put these projects together can take years, an indication of the complexity facing a developer in today's economy.

The financial packages for such projects typically require two to three years to assemble before pencil is set to paper in design development. There are basically three questions that should be asked to determine whether a potential project should be pursued and if an equity position should be assumed, according to Robert Jacobsen, president and chief executive officer of Ellerbe, Inc. "First we ask, is it a good investment? Of utmost importance is the financial outcome of the project. Second, what kind of fees can it generate? And a close third, what does it do for your taxable income? If it doesn't satisfy a balance of the three, then we would probably give up those fees for the future."

How does Ellerbe decide whether a

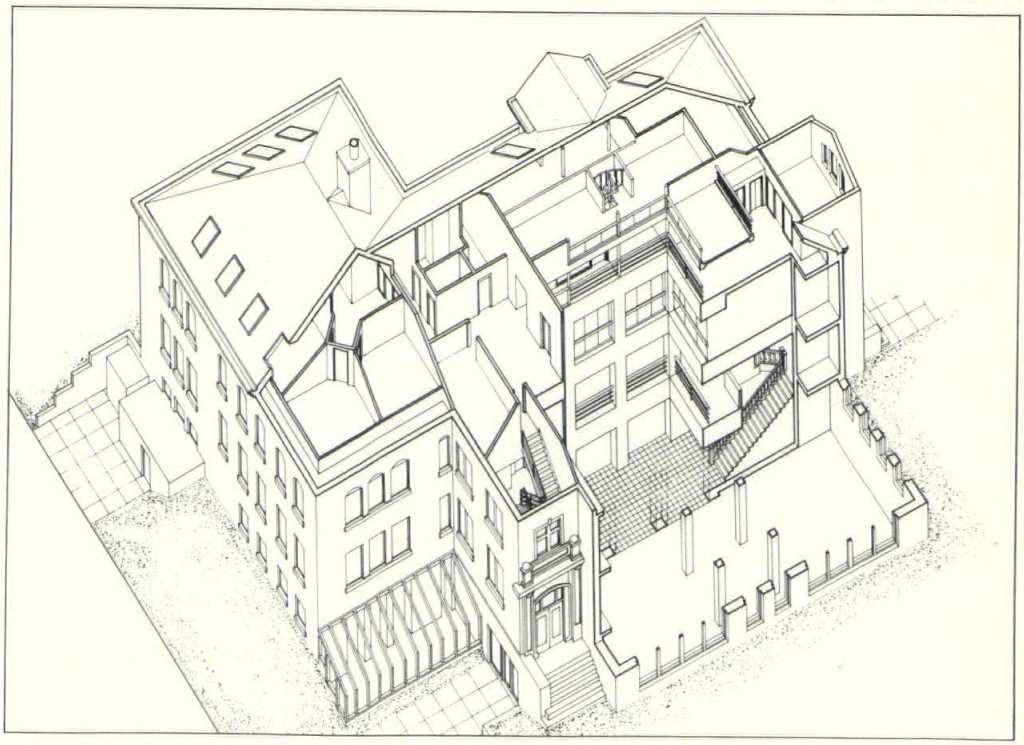
Metamorphosis of an old brick school



Baker Court is one of those success stories that city mayors and chambers of commerce love to cite as an example of community vitality and continued business activity. It is also a good example of architects taking the initiative for generating new work in a time of decreasing prospects for building.

Springing from the strong feelings architects Ron Ankeny and Duane Kell had for the abandoned brick schoolhouse, Baker Court was conceived first as a space to house their growing architectural practice and later as a fully developed office-retail venture in a neighborhood that heretofore lacked quality office space. The transition from architect to developer came gradually for Ankeny/Kell as the architects became enmeshed with the process of negotiating for the building. States Kell, "I really feel that we as architects had a distinct advantage over other developers. We were able to explain completely what we were going to do to the building with models, drawings, plans; and we spent more time on our proposal than the others, knowing that we were going to have to live with it." Continues Kell: "We learned in the very early stages of the project that you need to be believable. You need to have all the ducks in a row. Not only the construction costs, design, and materials—things we deal with daily as architects—but it's very important that you have behind that the documents, the confidence of a financial institution, the commitment of prospective tenants—all of those things that make a project work."





Development is taking a front seat in many firms as they try to make the business of architecture more effectual.

project is a good investment? The first and critical step is to determine if there is a market for it. That step usually requires the commissioning of an independent market study, an expensive tool, to be sure, but invaluable in assuring both the financial and architectural prospects for a project's success. From that information, a financial pro forma can be extrapolated with finances, expenses and return on investment projected. (For example, if the market study tells you that office space in a particular town rents at $8/sq. ft. and your pro forma tells you that your building will rent at $26/sq. ft., you might want to back out.) The numbers are then reviewed to weigh the risks and benefits in relation to the firm's projected financial and staffing requirements. "The gain on fees is the frosting on the cake," according to Jacobsen. "It can occasionally shade the return on investment that is marginal. But you get fees only once; if it's a good investment, it will be there for years."

The issue of taxable income is particularly important for Ellerbe, whose staff numbers nearly 700 and enjoys liberal profit sharing, pension and other benefit programs. Ellerbe almost learned the hard way when a 50 percent interest in the Lexington Center project nearly dragged the firm under. "It was simply too rich for us," says Jacobsen. The investment was made at a time when Ellerbe needed to shelter income from a high-profit year. Unfortunately, a national recession came on the heels of that investment and the tax losses came in low-profit years, along with major mortgage payments. Ellerbe eventually sold its interest at a good profit and generally considers it an excellent investment. But those unstable years in the middle made the firm acutely aware of long-range economic planning. The firm has passed by investment opportunities that didn't fit into the overall plan, although retaining its role as developer.

The money market's impact on development has become more significant. As sources of revenue go dry, so does the potential for new architectural work. "It is very hard to relate to people how every rule has changed in the financial world," says Scott Godin, president of Ellerbe's Appletree Enterprises, Inc. "No one wants to make a long-term commitment. Everything's going short." The financial reality is that mortgages for commercial properties have been virtually eliminated and a new method of finance has to be developed. "We're just beginning to understand the new ways," says Jacobsen.

As early as 1971, Ellerbe began to notice a change. To begin work on a medical office complex that was eventually to include a hospital, the firm took on a joint venture with Fairview Community Hospitals and contractor M. A. Mortenson. Located in Burnsville, the Ridges is part of an expanded concept in health care delivery: a satellite complex to serve the total health and medical needs of a suburban population. Physicians' offices, a YMCA, church, retirement home, and hospital were to be located on a 140-acre site, according to Carl Platou, president and chief executive officer of Fairview Community Hospitals. "The concept is for a total integration of human and health services."

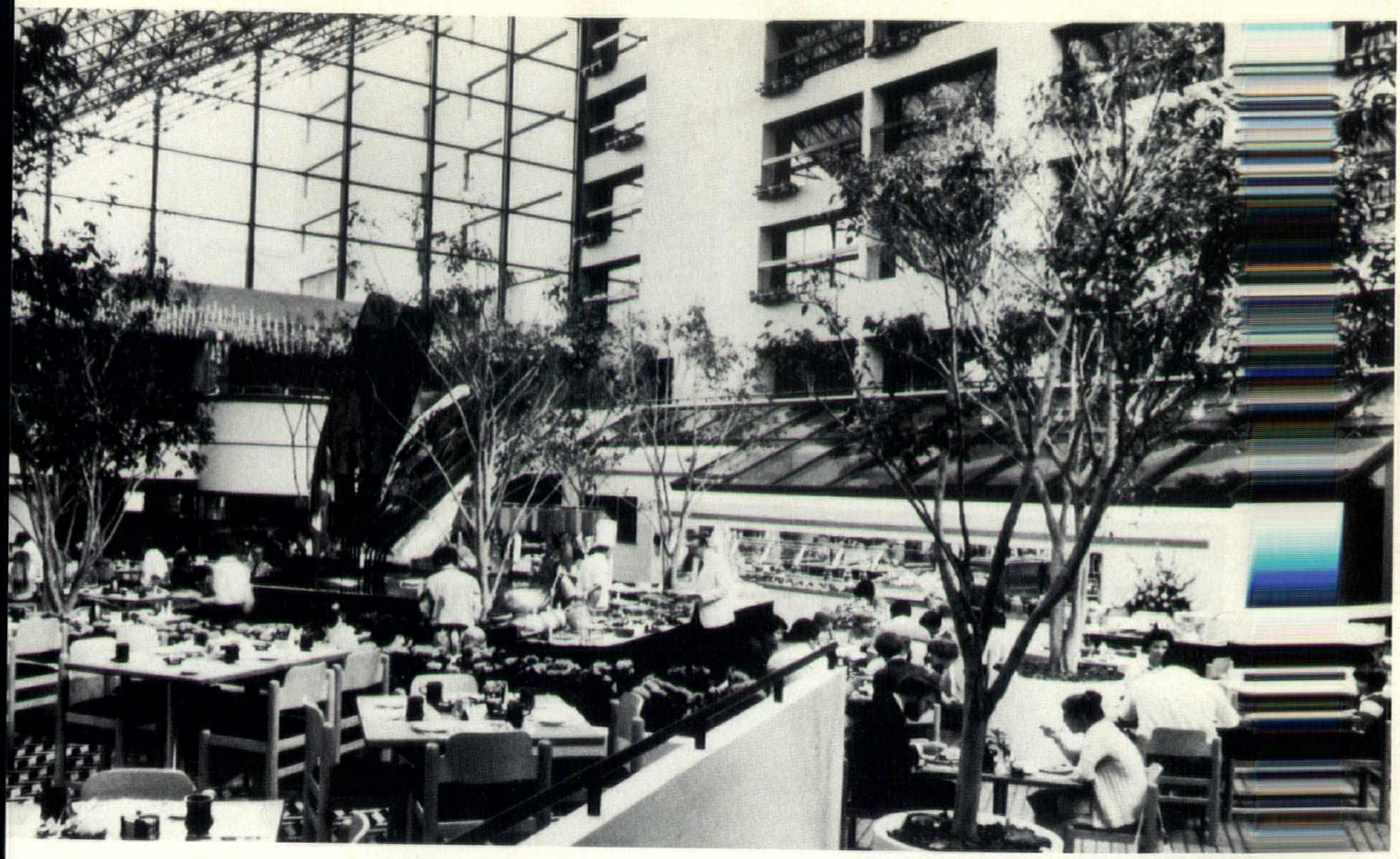
Investment in the Ridges represented seed money to assure the architect's position when the hospital came on line—a hospital that has been hotly disputed by the Metropolitan Health Board. Now, several years later, the hospital is finally underway but drastically reduced in size, and the Ridges investment will break even this year for the first time. The experience reminds us that the best laid plans can go somewhat astray.

For a convention center–hotel in Lynchburg, Virginia, Ellerbe had to be even more aggressive to assure a project. By the fall of 1979, $4.5 million in UDAG (Urban Development Action Grant) funds, $2 million from the City and $10 million in bonding authority had been secured. Then in October of that year, the Federal Reserve tightened the money supply and interest rates went up. The City could not market the bonds. It has taken the last two years to put the finances back together again, and this has resulted in a complicated arrangement with the Westinghouse Credit Corp. It has agreed to pick up the bonds, with a two-point concession, but to carry them for only five years. During that time, Ellerbe will have to find long-term financing. In the meantime, the First National Bank of St. Paul has joined in a standby agreement with Westinghouse and issued a letter of credit, saying in effect that if Ellerbe is unable to market those $10 million in bonds over the next five years, the bank will stand by to cover it. "We've had to put our credit on the line," says Godin. "We've had to guarantee more things."

Those aspects of creative financing are going to take on increasing importance for the architectural and engineering professions, according to Dennis Walsh, president of Ellerbe Associates, Inc., the architecture and engineering subsidiary. "I'm absolutely convinced that our own development projects will be 50 percent of our business before we hit the 1990s."

So the old prejudices about development may finally be falling away. Development is taking a front seat in many firms as they try to make the business of architecture more secure and the practice of architecture more effectual. The economic times, as much as anything, seem to dictate concern for the future that extends beyond the next indeterminate commission. It may be time for more architects to consider developing their own market, and not least because it may be the best way of controlling their own designs.

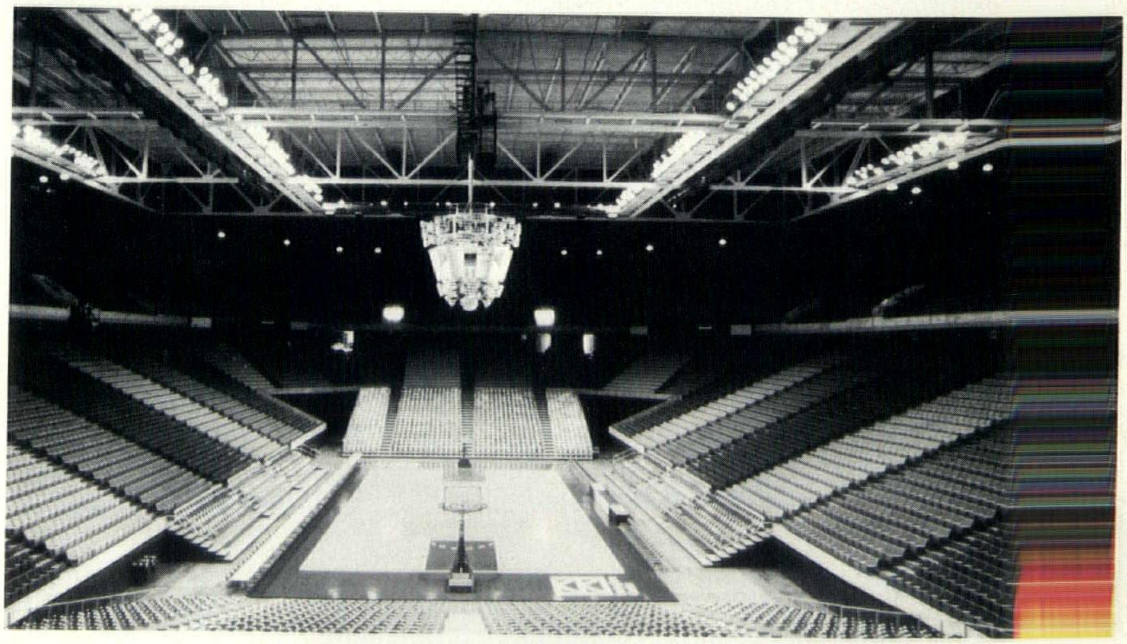
Bonnie Richter is a freelance writer and editor specializing in architecture and regional history.

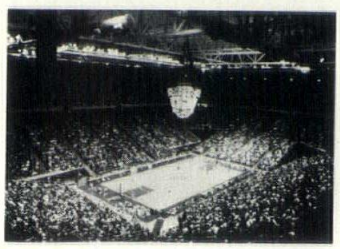


Lexington Center: a case of learning by doing

"The project turned out to be a beautiful experience for us," says Ellerbe's Director of Architecture Fred Richter. "It accomplished two ends: it gave us expertise in two design areas—in arenas and hotels, although we'd already had some experience in arenas and therefore welcomed the opportunity to build our portfolio in that building type." The second Ellerbe benefit gained from Lexington Center was as unambiguous as it is elusive to many architectural firms: it was a learning experience in making money.

In a sense, Ellerbe enjoyed the best of both worlds at Lexington. As a 50 percent partner with the contractor, the firm assumed ownership status in the Center's commercial and hotel projects, as well as doing design work for the entire development. The city of Lexington developed Rupp Arena (right) and its related exhibit space. Attractive "people spaces," such as the seven-story atrium in the Hyatt Regency Hotel (above) have made the Center a magnet for drawing affluent consumers from the marketing region.








Children Books
design: Vignelli
InternationalArchitect
Frank Gehry
O Mathias Ungers
Alvar Aalto
InternationalArchitect
GA
DETAIL

M S A I A

Firm Directory

Minnesota's architects in recent years have won hundreds of important awards and commissions across the nation and the world. But they have also served thousands of clients, large and small, throughout Minnesota and the Upper Midwest with skill and dedication. If you need the services of a highly qualified architectural firm, you will assuredly find a suitable one in this Directory. Or if you aren't sure you need an architect, any of the firms listed herein will welcome the opportunity to meet with you to provide professional advice and recommendations.

Robert Rietow, President
Minnesota Society
American Institute of Architects

innesota Society AIA oper-
es two retail bookstore/gal-
ries in the Twin Cities which
e stocked with books, peri-
licals and well-designed
rsonal and gift items of in-
rest to architects and non-
chitects alike. The Minne-
olis store, Paper Architec-
re (opposite), is located at 910
collet Mall (612-333-1484).
e St. Paul store, also called
per Architecture, is located
402 NW Crossing Building
2-227-0761).

Legend

AHA	American Hospital Association
AHP	American Hospital Planners
AIA	American Institute of Architects
AICP	American Institute of Certified Planners
ASID	American Society of Interior Designers
ASLA	American Society of Landscape Architects
CSI	Construction Specifiers Institute
FAIA	Fellow of the AIA
IBD	Institute of Business Designers
IES	Illuminating Engineers Society
PE	Professional Engineer
RAIC	Royal Architectural Institute of Canada

A

ACKERBERG AND ASSOCIATES, INC.

2622 West Lake Street, Suite 210
Minneapolis, MN 55416
612/920-9020
Established 1955

S. M. Ackerberg	AIA
D. P. Watschke	

Firm Personnel by Discipline	
Architectural	4
Other Technical	2
Administrative	3
Total in Firm	9

	Work %
Housing	10
Office Bldg./Banks	25
Retail/Commercial	10
Industrial	15
Medical	25
Municipal Bldgs.	10
Interior Architecture	5

Dr. Richard Sweet Residence, Golden Valley, MN; Northwestern BankWest, Plymouth, MN; Maplewood Mall Office, Northwestern National Bank of St. Paul, Maplewood, MN; Granite Falls Municipal Hospital, Granite Falls, MN; Northwestern Federal Savings & Loan, Watford City, ND; Lowy Enterprises, Inc., New Brighton, MN.

GEORGE AH TOU & ASSOCIATES

2373 Jansen Ave.
White Bear Lake, MN 55110
(612) 777-5602
Established 1979

George Ah Tou	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	50
Office Bldgs./Banks	50

THE ADAMS GROUP, INC.

118 East 26th Street
Minneapolis, MN 55404
612/872-8506
Established 1978

C. Culver Adams	AIA

	Work %
Housing	60
Office Bldg./Banks	20
Retail/Commercial	10
Industrial	10

Park Shelters, Edina, MN; The Satterlee Company and SATCO Inc., Minneapolis, MN; Franklin National Bank, Minneapolis, MN; The Down Quilt Shop, St. Anthony Main, Minneapolis, MN; Kent Severson Photography Studio, Minneapolis, MN; Private residences, Wayzata, Minneapolis, Minnetonka, Long Lake, Deephaven, St. Paul, Cannon Falls, Grand Rapids.

THE ADKINS ASSOCIATION, INC.

Jackels-Morgan-Peterson-Sjobeck
901 Jefferson Avenue
St. Paul, MN 55102
612/224-1358
511 11th Ave. South
Minneapolis, MN 55415
612/332-9176
Established 1958

Robert Morgan	AIA
Robert Jackels	AIA
Gene Peterson	AIA
Roger Sjobeck	AIA

Firm Personnel by Discipline	
Architectural	11
Planners	1
Administrative	1
Total in Firm	13

	Work %
Housing	15
Office Bldg./Banks	10
Retail/Commercial	5
Industrial	15
Medical	10
Churches	20
Municipal Bldgs.	5
Education Bldgs.	10
Other (Planning)	10

Selby/Dale Cooperative Housing, St. Paul, MN; Downtown Shelter Development Program, St. Paul, MN; Peace Lutheran Church, Bloomington, MN; Miscellaneous Projects, St. Paul School System, St. Paul, MN; Community Electronics Corporation, Minneapolis, MN; Jefferson Office Plaza, St. Paul, MN.

ALPHA ARCHITECTS, INC.

3585 N. Lexington Avenue
Arden Hills, MN 55112
612/483-3131
Established 1980

Gunnar F. Unger, Jr.	AIA
Robert G. Joslin	AIA

Firm Personnel by Discipline	
Architectural	3½
Administration	1
Total in Firm	4½

	Work %
Housing	60
Retail/Commercial	5
Medical	5
Churches	30
Solar/Earth Sheltered	90

48 Unit Solar Townhouse Development, Shoreview, MN; New Testament Church, Alexandria, MN; Borgos Residence, Passive Solar, Shoreview, Wulff Residence, Passive Solar, Stillwater, MN.

ANDERSON TOLLEFSON ARCHITECTS

2001 University Avenue S.E.
Minneapolis, MN 55414
612/623-1800
Established 1976

Elliot M. Anderson	AIA
Lee Tollefson	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	3
Office Buildings	2
Retail/Commercial	3
Industrial	
Medical/Health Care	
Restoration/Preservation	
Solar/Earth Sheltered	

Nordstrand Office Building, Hudson, WI; Frisco Professional Center, Frisco, CO; Keller Office Building, Hudson WI; Women's Advocates House St. Paul, MN; Detector Electronics Office, Mpls., MN; 714 Holly Condominiums, St. Paul, MN.

ANKENY, KELL AND ASSOCIATES, ARCHITECTS

821 Raymond Avenue, Suite 4
St. Paul, MN 55114
612/645-6806
Established 1976

Ronald W. Ankeny	A
Duane A. Kell	A

Firm Personnel by Discipline	
Architectural	
Total in Firm	

	Work
Housing	
Office Bldgs.	
Retail/Commercial	
Restoration	

Baker Court, St. Paul, MN; Dolphin Temporary Help Building, Minneapolis, MN; Riverside Mall, Rochester, MN; Victoria Crossing East, St. Paul, MN; Crosstown Bank, Ham Lake, MN; Royal Gardens Restaurant, St. Paul, MN.

ARCHITECTS IV—FUGELSO, PORTER, SIMICH & WHITEMAN, INC.

1226 East 1st Street
Duluth, MN 55805
218/728-5124
Established 1935

Sanford Porter	AIA
Leon Simich	AIA
Richard Whiteman	AIA
Jack Jyring	AIA

Firm Personnel by Discipline	
Architectural	7
Other Technical	1
Administrative	2
Total in Firm	10

	Work %
Housing	10
Office Bldgs./Banks	10
Retail	5
Industrial	10
Medical	10
Churches	5
Restoration	5
Municipal	5
Interior	5
Solar/Earth Sheltered	5
Education	30

Lakeshore Lutheran Home, Duluth, MN; Central Administration Building, Duluth Schools, Duluth, MN; Marshall Performing Arts Building, UMD, Duluth, MN; National Water Quality Laboratory, Duluth, MN; Continental Telephone Facilities, Minnesota, South Dakota, North Dakota, Wyoming; Minnesota Power Service Center, Cloquet, MN.

ARCHITECTURAL ALLIANCE

400 Clifton Avenue South
Minneapolis, MN 55403
612/871-5703
Established 1970

John W. Lackens	AIA
Herbert A. Ketcham	AIA
Richard D. Lembke	
Carl J. Remick	AIA

Firm Personnel by Discipline	
Architectural	24
Engineering	1
Landscape Architects	1
Interior	3
Other Technical	8
Administrative	8
Total in Firm	45

	Work %
Office Bldgs./Banks	50
Retail	7
Industrial	2
Educational	10
Medical	2
Interior	2
Solar/Earth Sheltered	2
Housing	4
Municipal	2
Restoration	2
Churches	2
Other (Airport Terminal)	14

Prudential North Central Plymouth Operations, Plymouth, MN; Prudential North Central Home Office, Minneapolis, MN; Land O'Lakes Corporate Office, Arden Hills, MN; Medtronic Rice Creek Facility, Fridley, MN; Minneapolis/St. Paul International Airport Facility, St. Paul, MN; University of Minnesota Vocational/Technical Facility, St. Paul, MN.

ARCHITECTURAL ALLIANCE EAST

325 Cedar Street, Suite 208
St. Paul, MN 55101
612/221-1908
Established 1979

Robert R. Nelson	AIA
Robert C. Armbruster	AIA
Darrell D. Carlson	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Office Buildings/Banks	50
Retail	7
Industrial	2
Educational	10
Medical/Health Care	2
Interior Design	2
Solar/Earth Sheltered	2
Housing	6
Municipal Buildings	2
Restoration/Renovation	2
Churches	2
Other	14

ARCHITECTURAL DESIGN GROUP, INC.

300 Third Avenue S.E.,
Suite 405
Rochester, MN 55901
507/288-8100
Established 1918

Willis E. Schellberg	AIA
Gordon O. Gjelten	AIA
Byron Stadsvold	AIA
Steven Sorensen	AIA

Firm Personnel by Discipline	
Architectural	8
Interior	2
Other Technical	2
Total in Firm	12

	Work %
Housing	25
Office Bldgs./Banks	30
Retail	5
Industrial	6
Medical	5
Churches	5
Restoration	2
Municipal	3
Interior	4
Solar/Earth Sheltered	5
Education/Academic	10

Reliance Federal Savings & Loan, Rochester, MN; Hiawatha Adult Home, Rochester, MN; Bethany Samaritan Nursing Home, Rochester, MN; Queen of Peace Hospital Addition, New Prague, MN; International Transport Office Building, Rochester, MN; Mayo Clinic Institute Hills Research Farm Remodeling, Rochester, MN.

ARCHITECTURAL RESOURCES, INC.

704 East Howard Street
Hibbing, MN 55764
218/263-6868
Established 1972

E. A. Jyring	AIA
W. H. Moser	AIA
Roger Saccoman	AIA
Parnell Satre	PE
Lyle Peters	AIA
Kent Worley	ASLA

Firm Personnel by Discipline	
Architectural	13
Engineering	5
Landscape	3
Planners	1
Administrative	4
Total in Firm	26

	Work %
Housing	40
Office Bldgs./Banks	10
Medical	20
Churches	10
Municipal	10
Education	10

Itasca County Family YMCA, Grand Rapids, MN; Life Enrichment for the Elderly Housing, Hibbing, MN; UMD Business and Economics Building, Duluth, MN; Elks Lodge, Hibbing, MN; Hospital and Health Facility Housing, Red Lake, MN; Iron Range Law Enforcement Training Center, Virginia, MN.

ARMSTRONG, TORSETH, SKOLD & RYDEEN, INC.

4901 Olson Memorial Hwy.
Minneapolis, MN 55422
612/545-3731
Established 1944

Kenneth L. Skold	AIA
John C. Torseth	AIA
James E. Rydeen	AIA
Kenneth E. Grabow	AIA
LeRoy H. Palmquist	AIA
Harold E. Shull	PE
Donald L. Yungner	PE

Firm Personnel by Discipline	
Architectural	26
Engineering	9
Interior Designers	1
Administrative	4
Total in Firm	40

	Work %
Office Buildings	35
Industrial	15
Educational	20
Interior Design	5
Solar/Earth Sheltered	5
Municipal Buildings	5
Restoration/Renovation	5
Churches	10

St. John Neumann Catholic Church; Shakopee Jr. High School; Shepherd of The Grove Evangelical Lutheran Church; Hennepin County Area Vocational-Technical Centers; North Wirth Office Buildings Complex; CPT Headquarters, Eden Prairie, MN.

ASSOCIATED ARCHITECTS AND ENGINEERS

241 S. Cleveland
St. Paul, MN 55105
612/698-0808
Established 1960

James E. Speckmann	
Charles D. Liddy, Jr.	AIA
Grant Peterson	

Firm Personnel by Discipline	
Architectural	4
Other Technical	2
Other General	1
Total in Firm	7

	Work %
Office Buildings	25
Industrial	5
Solar/Earth Sheltered	10
Housing	40
Restoration/Renovation	10
Medical/Health Care	10

St. Peter's Church Restoration; Tofu, Inc.; Napier-McNeil Store; St. Paul Area Board Stationery; III Imperial Drive, West St. Paul; Lawson Solar Res., Arden Hills.

B

BAKER ASSOCIATES, INC.

301 Chamber of Commerce Bldg.
15 South 5th Street
Minneapolis, MN 55402
612/339-8601
Established 1959

Edward F. Baker	AIA
Brian R. Morgan	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	3
Total in firm	8

	Work %
Housing	5
Office Buildings/Banks	90
Retail/Commercial	5

MEPC-Parkdale Plaza, St. Louis Park, MN; Northland Exec. Ofc. Center, Bloomington, MN; Wayzata Bank & Trust, Wayzata, MN; TCF-Tower Addition, Minneapolis, MN; Metro Place, Edina, MN; Health Associations Center, Minneapolis, MN.

THE BAYMILLER STUDIO, INC.

300 St. Paul Building
6 W. 5th Street
St. Paul, MN 55102
612/292-1610
Established 1978

John S. Baymiller	AIA
S. Rae Baymiller	IES

Firm Personnel by Discipline	
Architectural	1
Interior Design	1
Total in Firm	2

	Work %
Interior Architecture	60
Housing	15
Other	25

First Bank Dining Facility, St. Paul; Dorsey House, West St. Paul; ITT Industrial Credit C., Town Square St. Paul; Restaurant, Play Island, Valleyfair, Shakopee; Consultant, City Of St. Paul, Town Square, St. Paul.

FREDERICK BENTZ/ MILO THOMPSON/ ROBERT RIETOW, INC.

1234 Dain Tower
Minneapolis, MN 55402
612/332-1234
Established 1971

Frederick Bentz	FAIA
Milo H. Thompson	AIA
Robert G. Rietow	AIA

Firm Personnel by Discipline	
Architectural	11
Administrative	1
Total in Firm	12

	Work %
Housing	20
Office Buildings	10
Retail/Commercial	20
Churches/Worship	10
Restoration/Preservation	10
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	20

Greenway Gables, Mpls., MN; St. Olaf Catholic Church Addition, Mpls.; Minneapolis Community College Physical Education Facility & Skyway; Webster Intermediate School; Concordia College Student Center, Moorhead, MN; Dayton's Home Store, Edina, MN.

S. J. BERNSTEIN ASSOCIATES, ARCHITECTS-PLANNERS

7711 Country Club Drive
Minneapolis, MN 55427
612/545-8319
Established 1968

Firm Personnel by Discipline	
Architectural	1
Other Technical	1
Administrative	1
Total in Firm	3

	Work %
Office Buildings	30
Retail/Commercial	30
Industrial	40

A. J. BERREAU AND ASSOCIATES, INC.

1220 Glenwood Ave.
Minneapolis, MN 55405
(612) 377-8314
Established 1971

Alfred J. Berreau	AIA

Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5

	Work %
Office Bldgs./Banks	10
Retail/Commercial	5
Industrial	70
Medical/Health Care	5
Churches/Worship	5
Restoration/Preservation	5
Municipal Buildings	10

Nobles County Complex, Worthington, MN; Eastern Distribution & Spreads Plant, Kent, OH; Law Enforcement Center, Esterville, IA; Faribault State Hospital Renovation, Faribault, MN; Christian Reform Church, Worthington, MN

BETTENBURG, TOWNSEND, STOLTE & COMB, INC.

2000 N. Snelling Avenue
St. Paul, MN 55113
612/645-1276
Established 1922

William J. Estebo	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	20
Office Buildings	10
Retail/Commercial	10
Medical Facilities	20
Churches/Worship	10
Restoration	10
Education	20

Medical Center, Thief River Falls, MN; Medical Center, Chisago Lakes, MN; Galtier Elementary School, St. Paul, MN; Student Union, Bemidji State University; Wilder Square Housing, St. Paul, MN; St. Rose of Lima Church, Roseville, MN.

BLUMENTALS/ ARCHITECTURE INC.

6100 Summit Dr. N.
Brooklyn Center, MN 55430
612/571-5550
Established 1976

Janis Blumentals	AIA
Susan Blumentals	AIA

Firm Personnel by Discipline	
Architectural	8
Administrative	1
Total in Firm	9

	Work %
Housing	45
Office	10
Retail	5
Industrial	10
Restoration/Preservation	5
Solar/Earth Sheltered	10
Other	15

Larson Commons Elderly Housing, Cloquet, MN; Scotwood & Thrifty Scot Motels; American Center Building Renovation, St. Paul; HRA of Dakota County, Rosemount, MN; Solar Townhouses For HRA of Dakota County; Northcrest Condominiums, St. Cloud, MN.

BOARMAN ARCHITECTS, INC.

710 Chamber of Commerce Bldg
15 South 5th Street
Minneapolis, MN 55402
612/339-3752
Established 1978

Jack Boarman	AI
Svend Anderson	AI
Jerome Undberg	
Mike McDonald	

Firm Personnel by Discipline	
Architectural	
Marketing Coordinator	
Administrative	
Total in Firm	

RANDALL BRADLEY DESIGN

1229 N. Thomas Avenue
Minneapolis, MN 55411
612/529-0146
Established 1981

Randall Bradley	AI

Firm Personnel by Discipline	
Architectural	
Administrative	
Total in Firm	

	Work
Housing	1
Office	2
Retail	4
Interior Architecture	1
Education	1

The Kit Connection: Rosedale, Duluth, & Victoria Crossing; Sabathani Community Center Remodeling; Adams Residence Remodeling.

BRW ARCHITECTS

A Studio of Bennett-Ringrose-Wolsfeld-Jarvis-Gardner, Inc.
2829 University Avenue SE
Minneapolis, MN 55414
Established 1956
(612) 379-7878

David J. Bennett	AIA
Donald W. Ringrose	PE
Richard P. Wolsfeld	PE, AICP
Peter E. Jarvis	AICP
Lawrence J. Gardner	PE
Thomas F. Carroll	PE

Firm Personnel by Discipline	
Architectural	23
Engineering	34
Landscape Architects	4
Planners	19
Other technical	15
Administrative	17
Total in Firm	112

	Work %
Housing	20
Office Buildings	35
Retail	10
Industrial	5
Municipal Buildings	5
Solar/Earth Sheltered	15
Education/Academic Buildings	10

U.S.A.F. Academy Visitor Center, Colorado; Bonaventure Center, Minnetonka; Holaday Circuits Manufacturing, Minnetonka; The Galleria, Edina; Williamsom Hall (University of Minnesota); Civil/Mineral Engineering, (University of Minnesota).

BUETOW & ASSOCIATES, INC.

345 Rice Street, Suite 210
St. Paul, MN 55113
612/483-6701
Established 1920

Thomas W. Dunwell	AIA
Farrell F. Johnson	

Firm Personnel by Discipline	
Architectural	4
Other Technical	1
Administrative	3
Other General	2
Total in Firm	10

	Work %
Housing	5
Office Buildings	10
Retail	15
Industrial	15
Medical/Health Care	10
Churches/Worship	10
Restoration/Preservation	5
Municipal Buildings	15
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic Buildings	5

Ramsey County Nursing Home, Maplewood; 3M Research & Development Facility, Menomonie, WI; Brandywine Wine Tasting Bar, New Brighton, MN; U of M Centennial Hall Cafeteria Remodeling, Mpls., MN; Church of the Latter Day Saints, Apple Valley, MN; Jennie-O Turkey Plant, Willmar, MN.

ROBERT DAVID BUROW ARCHITECTS, INC.

750 South Plaza Drive
Mendota Heights, MN 55120
612/454-8505
Established: 1977

Robert D. Burow	AIA

Firm Personnel by Discipline	
Architectural	2
Interior Designers	1
Other Technical	1
Administrative	1
Total in Firm	5

	Work %
Housing	10
Office Buildings	50
Industrial	10
Churches/Worship	10
Restoration/Preservation	5
Municipal Buildings	5
Interior Architecture	5
Solar/Earth Sheltered	5

St. Jude Medical, Little Canada, MN; Cardiac Pacemakers, Inc., Arden Hills; 1st State Bank of Spring Lake Park; Dakotas Adults, Mendota Heights, MN; Augustana Lutheran Church, W. St. Paul; Central Telephone, Lakeville, MN.

BWBR ARCHITECTS, INC.

400 Sibley Street
St. Paul, MN 55101
Professional Center
Hudson, WI 54016
612/222-3701
Established 1951

Fritz C. Rohkohl	AIA
Lloyd F. Bergquist	AIA
Wilford F. Johnson	AIA
Charles D. Wahlberg	AIA

Firm Personnel by Discipline	
Architectural	24
Engineering	3
Interior Designers	5
Other technical	3
Administrative	9
Total in Firm	44

	Work %
Housing	8
Office Buildings/Banks	60
Industrial/Manufacturing	11
Medical Facilities/Health Care	5
Municipal Buildings	12
Interior Architecture	2
Solar/Earth Sheltered	2

Minnesota Mutual National Headquarters, St. Paul, MN; First Bank Duluth, Duluth, MN; Concordia Arms Housing, St. Paul, MN; Wooddale Baptist Church, Eden Prairie, MN; Cooperative Power Headquarters, Eden Prairie, MN; Minnehaha National Bank, Minneapolis, MN.

C

CAVIN AND ROVA/ ARCHITECTS

432 Landmark Center
St. Paul, MN 55 102
612/224-2311
Established 1946

Brooks Cavin	FAIA
John P. Rova	AIA

Firm Personnel b	Discipline
Architectural	2
Total in Firm	2

	Work %
Housing	8
Office Buildings	4
Retail	30
Industrial	4
Medical/Health C re	3
Churches/Worship	5
Restoration/Preser ation	35
Municipal Buildin gs	6
Interior Architectu re	4

Minneapolis Club Interior Remodeling; Brown County Historical Museum; E xterior Conservation of Minne sota State Capitol; Historical Society Bldg. & State Office Bui ding; Trinity Lutheran Church R emodeling.

CLOSE ASSOC IATES, INC.

3101 East Franklin Avenue
Minneapolis, MN 5406
612/339-0979
Established 1939

Elizabeth S. Close	FAIA
Winston A. Close	FAIA
W. Garman Harger s	AIA

Firm Personnel by Discipline	
Architectural	3
Other technical	2
Administrative	1
Total in Firm	6

	Work %
Housing	20
Office Buildings	5
Retail	20
Solar/Earth Sheltered	10
Education/Academic Buildings	45

Tuttle School Renova tion, Minneapolis; A Chemical Dependency Center for An ka State Hospital, Anoka, M ; Ronald McDonald House, M inneapolis; Seward West Earth S heltered Townhouses; "Winds ope" (Moderate and Low-I ncome Housing, The Preser e); Gray Freshwater Biological Institute, Navarre, MN.

JAMES M. COOPERMAN & ASSOCIATES ARCHITECTS, INC.

She[illegible]ard Tower
Mi[illegible]neapolis, MN 55426
612[illegible]/545-0409
Est[illegible]blished 1962

Jam[illegible]es M. Cooperman	AIA
Sur[illegible]endra Ahuja	

Firm Personnel by Discipline	
Arc[illegible]hitectural	7
Pla[illegible]nners	1
Ad[illegible]ministrative	1
To[illegible]al in Firm	9

	Work %
H[illegible]ousing	20
Of[illegible]fice Buildings	50
Re[illegible]tail	20
In[illegible]dustrial	10

Sh[illegible]elard Plaza North, St. Louis Pa[illegible]rk; Medvesco Office Building, St. Louis Park; Duckwood T[illegible]ails Apartments, Eagan, MN; Su[illegible]per 8 Motel, Bloomington, M[illegible]N; Ridge Square Center, M[illegible]innetonka, MN; Lyndale H[illegible]ardware Renovation, Richfield.

C[illegible]O/PLAN, INC.

1[illegible] East First Street
D[illegible]uluth, MN 55802
2[illegible]8/727-2626
E[illegible]stablished 1981

D[illegible]arryl W. Booker	AIA
J[illegible]ohn F. Scott	

F[illegible]irm Personnel by Discipline	
A[illegible]rchitectural	3
I[illegible]nterior Designers	1
T[illegible]otal in Firm	4

	Work %
H[illegible]ousing	60
R[illegible]etail	10
R[illegible]estoration/Preservation	10
M[illegible]unicipal Buildings	20
S[illegible]olar/Earth Sheltered	10

S[illegible]uperior Shores Lakehomes, T[illegible]wo Harbors; Wuori Community Center, Virginia, MN; P[illegible]ortland Square Housing Rehabilitation, Duluth; Eveleth/Fayal T[illegible]rail, Eveleth, MN; Hermantown Maintenance Facility, MN; West Research Recreation Center, Duluth.

CORWIN SEPPENEN & ASSOC. INC.

1006 Pioneer Building
St. Paul, MN 55101
612/225-7881
Established 1952

Ralph D. Corwin	AIA
Jarl Seppenen	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Office Buildings	10
Education/Academic Buildings	90

East Bethel Community School; St. Francis High School.

COTTLE-HERMAN ARCHITECTS, INC.

2344 Nicollet Avenue South, Suite 110
Minneapolis, MN 55404
612/871-7200
Established 1967

Richard E. Cottle	AIA
Bernard Herman	AIA

Firm Personnel by Discipline	
Architectural	7
Administrative	1
Total in Firm	8

	Work %
Housing	25
Office Buildings	15
Retail Commercial	20
Industrial	10
Medical/Health Care	10
Education/Academic Buildings	20

Nankin Cafe, Minneapolis City Center; Menorah Plaza, St. Louis Park, MN; Bethel College & Seminary Library, Arden Hills, MN; Bethel College Science Building Addition; McIntosh Embossing, Minneapolis, MN.

CUNINGHAM ARCHITECTS

2116 Second Avenue South
Minneapolis, MN 55404
612/874-6580
Established 1969

John W. Cuningham	AIA
John E. Hamilton	AIA
John E. Quiter	AIA

Firm Personnel by Discipline	
Total in Firm	6

	Work %
Housing	50
Office Buildings	25
Industrial	10
Churches/Worship Facilities	15
Restoration/Preservation	40

Breck Chapel of the Holy Spirit, Golden Valley, MN; Itasca Building, Minneapolis; DNR, Region 7 Hdqtrs., Grand Rapids, MN; Waldenloch Townhouses, Minnestrista, MN; Ford Office Bldg. & Library for Atty. General of Minnesota; Springsted Residence, Afton, MN.

CURISKIS ARCHITECTS

100 Produce Plaza
100 North Seventh Street
Minneapolis, MN 55403
(612) 332-8034
Established 1982

Juris Curiskis	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Office Bldgs./Banks	50
Industrial	30
Medical/Health Care	20

MN Crop Improvement Assoc. Offices & Lab, St. Paul, MN; Waconia Lakeview Clinic, Waconia, MN

DAMBERG & PECK ARCHITECTS, INC.

312 West Superior Street
Duluth, MN 55802
218/722-7467
3200 Lincoln Bldg.
Virginia, MN 55792
218/741-7962
Established 1968

John P. Damberg	AIA
John D. Peck	AIA

Firm Personnel by Discipline	
Architectural	[illegible]
Adminstrative	[illegible]
Total in Firm	1[illegible]

	Work %
Housing	2[illegible]
Office Buildings/Banks	1[illegible]
Industrial/Mfg.	[illegible]
Medical/Health Care	1[illegible]
Churches/Worship	[illegible]
Restoration/Preservation	1[illegible]
Municipal Buildings	1[illegible]
Education/Academic	2[illegible]
Planning	1[illegible]

Government Services Center, Duluth, MN; Minnesota Power Chisholm, MN; Minnesota Power Energy Control Center, Duluth, MN; Greysolon Plaza, Duluth, MN; Virginia Library Addition, Virginia, MN; Askov Bruno Schools, Additions and Remodeling

DEAN/DAVY ARCHITECTS

P.O. Box 30222
St. Paul, MN 55175
612/227-9957
Established 1982

James R. Dean	AIA
Joel Davy	

Firm Personnel by Discipline	
Architectural	
Other Technical	
Total In Firm	

	Work %
Housing	4
Office Bldg/Banks	2
Industrial/Mfg.	2
Restoration/Preservation	
Interior Architecture	1

Law Offices, Lamb, Schaefer, McNair, Larson, & Olson, Fargo, ND; The Croft, a Retreat, Hastings, MN; The Lomsdahl House, Plymouth, MN; The Skinner House, Battl Lake, MN; 1, 2, 3, Sesame To Store, Fargo, ND; Rozzelle House, Shuffletown, NC

HANS DEKKER ARCHITECTS & ASSOCIATES

421 Irving Ave. So.
Minneapolis, MN 55405
612/374-5188
Established 1971

Hans Dekker	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	35
Office Bldgs/Banks	10
Churches/Worship	15
Restoration/Preservation	15
Municipal Buildings	5
Interior Architecture	5
Solar/Earth Sheltered	10
Education/Academic	5

Basilica of St. Mary, Restoration Lighting; Thornton House Apartments, retrofitting; Weaver Residence; Rockefeller/Dayton Residence; Sherwood Arms Apt.'s, Norman OK; Maplewood Condominum Conversions, Maplewood, MN

DESIGN CONSORTIUM INC.

1012 Marquette Avenue
Minneapolis, MN 55403
(612) 341-3601
Established 1978

Timothy R. McCoy	AIA
James Geisler	

Firm Personnel by Discipline	
Architectural	4
Total in Firm	4

	Work %
Housing	10
Office Bldgs./Banks	20
Retail/Commercial	15
Restoration/Preservation	15
Municipal Buildings	15
Interior Architecture	10
Solar/Earth Sheltered	10
Other (Planning)	5

Les Quatre Amis Restaurant, Minneapolis, MN; Pillsbury Waite Neighborhood Service Center, Minneapolis, MN; Springbrook Nature Center, Fridley, MN; The JB Larson Associates, Minneapolis, MN; Paper Architecture Bookstore, Minneapolis, MN

THE DESIGN PARTNERSHIP, LTD

15 South Fifth Street
Suite 900
Minneapolis, MN 55402
612/338-8889
Established 1972

William C. Anderson	AIA
Darrell D. Anderson	AIA

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total In Firm	7

	Work %
Housing	25
Office Buildings/Banks	40
Retail/Commercial	15
Industrial/Mfg.	15
Other	5

Loring Green West; First Bank Plymouth; Century Corporate Plaza; IBM—Branch Office, Washington Square; Riverview Office Park; "Le Cafe" Brasserie

DESIGNERY, ARCHITECTURE

P.O. Box 57
Stillwater, Minnesota 55082
612/433-3973
Established 1979

Raymond R. Raffel	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Office Buildings/Banks	10
Retail/Commercial	3
Industrial/Mfg.	55
Churches	15
Restoration/Preservation	3
Solar/Earth Sheltered	5

Passive Solar Residence, Stillwater, MN; Office Warehouse, New Hope, MN; Trinity Church Addition, Crystal, MN; Office/Manufacturing Plant, Blaine, MN; Grace Lutheran Church, Anoka, MN

DESIGN TWO INC.

684 Excelsior Blvd.
Excelsior, MN 55331
612/474-3291
Established 1971

J. Nicholas Ruehl	AIA
Bertil E. Haglund	AIA

Firm Personnel by Discipline	
Architectural	4
Administrative	2
Total in Firm	6

	Work %
Housing	15
Office Buildings/Banks	20
Retail/Commercial	20
Industrial/Mfg.	5
Municipal Buildings	10
Education/Academic	20

Mai Tai Restaurant; Minnetonka Senior High School Auditorium Remodeling & Athletic Fields; Kiss and Make Up Retail Store; Solar/Earth Integrated Residence for Merwin Family

DICKEY/KODET ARCHITECTS/INC.

4930 France Avenue South
Minneapolis, Minnesota 55410
612/920-3993
Established 1962

Arthur H. Dickey,	AIA
Edward J. Kodet, Jr.	AIA

Firm Personnel by Discipline	
Architectural	5
Interior Designers	1
Planners	1
Other Technical	2
Administrative	1
Total in Firm	10

	Work %
Housing	5
Office Buildings/Banks	20
Retail/Commercial	5
Industrial/Mfg.	5
Medical Facilities/Health	5
Churches	5
Restoration/Preservation	10
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	10
Education/Academic	5

Southdale YMCA, Minneapolis, MN; Belzer and Brenner Office Building, Minneapolis, MN; Chester's Restaurant, Minnetonka, MN; Viking Press, Minneapolis, MN; Minneapolis Fire Station #6, Minneapolis, MN

DYKINS ASSOCIATES, INC.

2950 Metro Drive, Suite 307
Minneapolis, Minnesota 55420
612/854-3363
Established 1975

Charles A. Dykins	AIA

Firm Personnel by Discipline	
Architectural	4
Total in Firm	4

	Work %
Office Buildings/Banks	100

Richfield Bank & Trust Co., Bloomington, MN; State Bank of Long Lake, Long Lake, MN; Empire State Bank, Cottonwood, MN; First State Bank, Bayport, MN; State Bank of Danvers, Danvers, MN

E

ECKBERG ASSOCIATES, INC.

2140 Spruce Trail
Minneapolis, MN 55422
(612) 588-6388
Established 1972

Erland Eckberg, Jr.	AIA

ELLERBE ASSOCIATES, INC.

One Appletree Square
Bloomington, MN 55420
612/853-2000
Established 1909

Dennis Walsh	AIA
H. William Nara	AIA
Fred Richter	AIA
Donald C. G. Nelson	AIA
Robert F. Jacobsen	PE
Roger Santelman	PE
Donald Chapman	PE
Malcolm Nietz	PE
A. G. Erickson	PE

Firm Personnel by Discipline	
Architectural	127
Engineering	92
Landscape Architects	3
Interior Designers	14
Planners	1
Other Technical	250
Administrative	162
Total in Firm	649

	Work %
Office Building/Banks	37
Industrial/Mfg.	18
Medical Facilities/Health	32
Municipal Bldgs/Education	7
Other	7

InterNorth Corporate Headquarters, Omaha, NE; Hennepin County Juvenile Detention Center, Minneapolis, MN; Center Square, Knoxville TN; Volusia County Civic Center, Daytona Beach, FL; Riley Children's Hospital, Indianapolis, IN; Mt. Sinai Medical Center, New York, NY

F

ARVID ELNESS ARCHITECTS

383 Butler Square Bldg.
Minneapolis, MN 55403
612/339-5508
Year Established 1975

Arvid Elness	AIA
Paul Madson	AIA

Firm Personnel by Discipline	
Architectural	10
Other Technical	1
Administrative	1
Total in Firm	12

	Work %
Housing	40
Office Bldgs/Banks	20
Retail/Commercial	20
Churches/Worship	10
Restoration/Preservation	50
Interior Architecture	5
Solar/Earth Sheltered	5

Butler Square West, Minneapolis, MN; Trinity Church & School, Wausau, WI; Cedar Riverside infill housing, Minneapolis, MN; Southhaven Seniors Housing, Edina, MN; Nine Mile Office Bldg., Bloomington, MN; Southshore Senior Housing, Excelsior, MN.

ENERGY ARCHITECTURE, INC.

8500 210th Street West
Lakeville, MN 55044
612/469-2519
Established 1982

Gary P. Turpening	AIA

Firm Personnel by Discipline	
Architectural	1
Total In Firm	1

	Work %
Housing	10
Office Buildings/Banks	20
Retail/Commercial	20
Industrial/Mfg.	20
Churches/Worship	10
Restoration/Preservation	10
Municipal Buildings	10

Office Building, CampHill, PA; Broad St. Market Plaza, Harrisburg, PA; Renovation Mt. Calvary Church of God in Christ, Harrisburg, PA; Planning Proposal for Cultural Center, Toledo, OH; Addition Crowley Residence, Lemoyne, PA.

RICHARD ENGAN ASSOCIATES, ARCHITECTS

323 W. 4th Street
P.O. Box 89
Willmar, MN 56201
612/235-0860
Established 1979

Richard P. Engan	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	3
Total in Firm	5

	Work %
Housing	25
Office Bldgs/Banks	10
Retail/Commercial	5
Industrial/Mfg	10
Medical Facilities	20
Churches/Worship	10
Municipal	5
Interior Architecture	5
Solar/Earth Sheltered	15
Education/Academic	10

Christian Living Center, Willmar, MN; Camp Sanderson Peacepipe Girl Scout Council, Spicer, MN; Grandstand Athletic Field, Montevideo, MN; Family Practice Medical Center; Willmar, MN; Handicapped Accessability—Behmler Hall, U of M, Morris, MN; Renovations, Medical Treatment Center, Willmar State Hospital, Willmar, MN

ENVIRONMENTAL DESIGN

948 Lindwood Avenue
St. Paul, MN 55105
612/228-0869
Established 1979

Douglas Derr	AIA

	Work %
Housing	10
Solar/Earth Sheltered	90

Hobbit Hills; MHFA Energy Efficient Housing Demonstration Program.

STANLEY FISHMAN ASSOCIATES, INC.

348 North Prior Avenue
St. Paul, MN 55104
(612) 646-1381
Established 1965

Stanley Fishman	AIA
George Cundy	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	45
Office Bldgs./Banks	15
Medical/Health Care	5
Restoration/Preservation	25
Solar/Earth Sheltered	5
Other (Street Revitalization)	30

Woodmount Townhouses, Cottage Grove, MN; Cedar Riverside Peoples Center, Minneapolis, MN; Riverview Manor Group Home for the Developmentally Disabled, Wanamingo, MN; Fort Road Revitalization, St. Paul, MN;

FOSS ASSOCIATES

215 Main, Box 306
Moorhead, MN 56560
218/236-1202
Established 1898

Mark B. Foss	PE
Twelve other principals	

Firm Personnel by Discipline	
Architectural	39
Engineering	23
Interior Designers	9
Other Technical	1
Administrative	8
Total In Firm	80

	Work %
Office Bldgs/Banks	6
Retail/Commercial	3
Industrial/Mfg.	3
Medical Facilities	30
Churches/Worship	7
Restoration/Preservation	5
Municipal Buildings	18
Interior Architecture	8
Education/Academic	12
Other	8

Northwestern Bank, Fergus Falls, MN; Judicial Wing/State Office Building Addition to State Capitol, Bismarck, ND; Music Education Center, North Dakota State University; LeSueur County Law Enforcement Center, LeCenter, MN; Kittson County Nursing Home and Hospital, Hallock, MN; U.S.D.A. Human Nutrition Lab, Grand Forks, ND

FOWLER HANLEY INC.

1207 Harmon Place
Minneapolis, MN 55403
612/332-8728
Established 1973

Michael A. Fowler	PE
Thomas J. Zumwalde	AIA
John T. Hanley	PE

Firm Personnel by Discipline	
Architectural	4
Engineering	6
Other Technical	2
Administrative	2
Total in Firm	14

	Work %
Housing	20
Office Bldgs/Banks	15
Retail/Commercial	15
Industrial/Mfg.	15
Restoration/Preservation	10
Municipal Buildings	5
Solar/Earth Sheltered	10
Education/Academic Bldgs	10

Boca Raton Office Complex, Boca Raton, FL; Federal Lumber Company, Brooklyn Center, MN; Quorum Registry Hotel, Addison TX; City Walk Garage & Condominiums, St. Paul, MN; Luxury Hotel, Miami FL; New Offices 1207 Harmon Place, Minneapolis, MN

FREERKS SPERL FLYNN ARCHITECTS

2575 West Seventh Street
St. Paul, MN 55116
612/690-2431
Established 1958

Eugene L. Freerks	AIA
Robert H. Sperl	AIA
Eugene G. Flynn	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	2
Total in Firm	7

	Work %
Housing	8
Office Bldgs/Banks	8
Retail/Commercial	4
Industrial/Mfg.	3
Medical Facilities	1
Churches/Worship	18
Restoration/Preservation	1
Education/Academic	28
Other	15

Bureau of Criminal Apprehension Headquarters, St. Paul, MN; College of Veterinary Medicine Hospital, University of Minnesota; Hayden Heights Library, St. Paul, MN; Church of St. Patrick, Edina, MN; East Shore Place Elderly Housing, Mahtomedi, MN; Chisago County Jail, Center City, MN

G

ALFRED FRENCH AND ASSOCIATES, INC.

314 Clifton Avenue
Minneapolis, MN 55403
Established 1977

Alfred W. French III	AIA, AICP

Firm Personnel by Discipline	
Architectural	3
Administrative	½
Total in Firm	3½

	Work %
Housing	30
Office Buildings	20
Retail	10
Restoration/Preservation	10
Solar/Earth Sheltered	10
Other	20

Main Street Hydroelectric Interpretive Station; Renovation of 345 Marquette, Munsingwear; Office Renovation for Lindquist & Vennum; Arundel Street Townhouses, St. Paul; Green Street Townhouses, Dayton, OH; Private Vacation Residence, Grand Portage, MN

H. W. FRIDLUND, ARCHITECTS

501 Minnetonka Boulevard
Minneapolis, MN 55416
612/920-3080
Established 1950

H. W. Fridlund	AIA
Bryce E. Bell	AIA
Milt Bruflodt	AIA
Alan Kimpell	
Gerald Runk	AIA
Eileen Greenwood	

Firm Personnel By Discipline	
Architectural	5
Administrative	1
Total In Firm	6

	Work %
Housing	50
Office Bldgs/Banks	10
Retail/Commercial	10
Industrial/Mfg.	5
Recreational Bldgs.	25

Milaca Park, Milaca, MN; Warroad Townhomes, Warroad, MN; Burnsville Racquet and Swim Club, Burnsville, MN; 78th Street Racquet & Swim Club, Bloomington, MN

RAY W. GEIGER ARCHITECTS, INC.

730 Hennepin Ave., Suite 206
Minneapolis, MN 55403
(612) 370-0893
Established 1979

Ray W. Geiger	AIA

Firm Personnel by Discipline	
Architectural	2½
Total in Firm	2½

	Work %
Housing	45
Churches/Worship	40
Restoration/Preservation	10
Interior Architecture	10

Faith Covenant Church, Burnsville, MN; Single Family Residence, Minneapolis, MN; Single Family Residence, Troy County, WI

GRAFFUNDER ASSOCIATES INC.

221 1st Natl. Bank Bldg.
Wayzata, MN 55391
612/473-6727
Established 1948

Carl Graffunder	AIA

Firm Personnel by Discipline	
Architectural	1
Other Technical	3
Total in Firm	4

	Work %
Housing	50
Office Buildings/Banks	10
Medical Facilities/Health Care	10
Churches/Worship	10
Solar/Earth Sheltered	20

Hollybrook Townhouses, Wayzata, MN; Dental Clinic, Fairmont, MN; Office Building, Minnetonka, MN; 101 Townhouses, Minnetonka, MN; Building Remodeling, Hastings, MN

GREEN, NELSON, WEAVER & WINSOR INC.

3033 Excelsior Blvd.
Minneapolis, MN 55416
612/926-7635
Established 1878

Gene L. Green	AIA
Arthur E. Nelson	
John K. Weaver	AIA
Mark F. Winsor	AIA

Firm Personnel by Discipline	
Architectural	5
Engineering	4
Administrative	2
Total in Firm	11

	Work %
Housing	3
Office Buildings/Banks	16
Retail/Commercial	2
Industrial/Manufacturing	30
Churches/Worship	2
Restoration/Preservation	14
Municipal Buildings	2
Interior Architecture	2
Solar/Earth Sheltered	2
Education/Academic Buildings	27

Minneapolis Technical Institute and Parking Garage, Minneapolis, MN; Weyerhaeuser Distribution Center (Retrofit), St. Paul, MN; Ridgedale YMCA, Minnetonka, MN; Boise Cascade Manufacturing Plant, Milford, CT; Minneapolis Star & Tribune Newspaper Office Building, Minneapolis, MN; Stone Container, Tupelo, MS

GRISWOLD AND RAUMA, ARCHITECTS INC.

720 2nd Ave. South
Minneapolis, MN 55402
612/339-3071
Established 1952

David J. Griswold	AIA
John G. Rauma	FAIA
Jackson W. Griswold	AIA
Robert G. Egge	AIA

Firm Personnel by Discipline	
Architectural	8
Administrative	2
Total in Firm	10

	Work %
Housing	5
Office Buildings/Banks	15
Retail/Commercial	5
Industrial/Manufacturing	15
Churches/Worship	10
Restoration/Preservation	10
Interior Architecture	10
Solar/Earth Sheltered	10
Education/Academic Buildings	20

Church of the Risen Savior, Apple Valley, MN; Remodeling Sanford, Hickory, & Deputy, Halls, Bemidji State University; Hennepin County Ridgedale Area Library and Service Center; Kenwood School Energy Retrofit and Remodeling, Minneapolis, MN; Campus Center, Inver Hills Community College; Branch Offices, Midwest Federal Savings and Loan, Minneapolis Area

GARY GROOTERS ARCHITECTS P.A.

400 East St. Germaine
St. Cloud, MN 56301
(612) 252-3740
Established 1977

Gary Grooters	AIA

Firm Personnel by Discipline	
Architectural	2
Interior Designers	1
Total in Firm	3

	Work %
Housing	30
Office Bldgs./Banks	5
Retail/Commercial	5
Industrial	5
Medical/Health Care	40
Churches/Worship	5
Interior Architecture	5
Solar/Earth Sheltered	5

Country Manor Nursing Home and Elderly Housing, Sartell, MN; Woodland Acres Health Care & Retirement Center, Brainerd, MN; Good Shepherd Lutheran Nursing Home, Sauk Rapids, MN; Glen Oaks Nursing Home and Elderly Housing, New London, MN; NSP Office Building, St. Cloud, MN;

GROUP II ARCHITECTS

104 West Redwood
Marshall, MN 56258
507/532-4946
Established 1979

Thomas J. Osterberg	AIA
Ronald D. Halgerson	AIA

Firm Personnel by Discipline	
Architectural	3
Other Technical	2
Total in Firm	5

	Work %
Housing	2
Office Buildings/Banks	18
Industrial/Manufacturing	40
Churches/Worship	10
Restoration/Preservation	2
Municipal Buildings	20
Education/Academic Buildings	8

Law Enforcement/County Extension Addition, Watonwan County, St. James, MN; Municipal Building, Redwood Falls, MN; First Bank Minneota, Marshall, MN; Building Addition, Magnetic Peripherals, Inc., Redwood Falls, MN; Alterations to First Lutheran Church, Marshall, MN;

H

DELBERT J. HALL

2021 Hennepin Ave. E.,
Suite 189
Minneapolis, MN 55413
612/331-1941
Established 1976

Delbert J. Hall	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Office Buildings/Banks	25
Retail/Commercial	50
Industrial/Manufacturing	25

McDonald's Restaurant, Town Square, St. Paul, MN; McDonald's Restaurant, Cedar Rapids, IA; Maplewood Square, Maplewood, MN; Contract Design—Shop Building, Blaine, MN; Katun Corporation, Bloomington, MN; Burnsville Office Condominiums, Burnsville, MN

HAMMEL GREEN & ABRAHAMSON INC.

1201 Harmon Place
Minneapolis, MN 55403
612/332-3944
Established 1953

Richard Hammel	FAIA
Curtis Green	FAIA
Bruce Abrahamson	FAIA
George T. Riches	AIA
Harry Wilcox	PE
Eldon Burow	AIA

Firm Personnel by Discipline	
Architectural	54
Engineering	35
Landscape Architects	1
Interior Designers	3
Other Technical	16
Administrative	22
Total in Firm	131

	Work %
Housing	6
Office Buildings/Banks	10
Retail/Commercial	5
Industrial/Manufacturing	2
Medical Facilities/Health Care	17
Churches/Worship	6
Restoration/Preservation	11
Municipal Buildings	9
Interior Architecture	3
Solar/Earth Sheltered	6
Education/Academic Buildings	15
Prime Engineering	8
Planning	2

Hamline University School of Law, St. Paul, MN; Myles Reif Performing Arts Center, Grand Rapids, MN; Honeywell Plaza, Minneapolis, MN; Science Museum of MN, St. Paul, MN; Donaldson Research Laboratories, Bloomington, MN; St. Mary's Hospital Surgical Expansion, Rochester, MN

RICHARD HANDFORD & ASSOCIATES, LTD.

323 Liberty Bank Building
St. Paul, MN 55104
612/645-4263
Established 1974

Richard Handford	AIA

Firm Personnel by Discipline	
Architectural	1
Interior Designers	1
Planners	1
Total in Firm	3

	Work %
Housing	5
Office Buildings/Banks	90
Other	5

Sprague Natl. Bank, Caledonia, MN; Security Bank, Hibbing, MN; First State Bank Restoration, Wabasha, MN; Tri-County Natl. Bank, Forest Lake, MN; Security Bank and Trust Detached Unit, Glencoe, MN; State Bank, Pine City, MN

HARMALA, DELAPP, MULVEY/ARCHITECTS INC.

430 Oak Grove, Suite 400
Minneapolis, MN 55403
612/871-6771
Established 1961

Dennis L. Mulvey	AIA
Wayne L. Harmala	AIA
Richard W. DeLapp	AIA

	Work %
Housing	50
Office Buildings/Banks	25
Industrial/Manufacturing	10
Churches/Worship	5
Restoration/Preservation	5
Municipal Buildings	10
Education/Academic Buildings	5

Guaranty State Bank, St. Paul, MN; Mississippi/East Housing Complex, Minneapolis, MN; Wentworth Townhomes, Minneapolis, MN; Hamilton Manor Housing Complex, Webber Parkway; Dawson Mills Soy Isolate Plant; The Pioneer House-Chemical Dependency Center

HENDRIX/SNYDER ARCHITECTS INC.

670 Sexton Building
Minneapolis, MN 55415
Established 1948

Thomas B. Hendrix	AIA
William V. Snyder	AIA

Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	1
Total in Firm	4

	Work %
Education/Academic Buildings	100

Milton A. Salk School, Elk River, MN; Elk River Sr. High School, Elk River, MN; VandenBerge Jr. High School, Elk River, MN; Farmington Sr. High School, Farmington, MN; Parker Elementary School, Elk River, MN; Aitkin Jr.-Sr. High School, Aitkin, MN

RODNEY L. HENSLIN, AIA MEDICAL FACILITY CONSULTANTS

169 East Moreland
West St. Paul, MN 55118
(612) 457-0199
Established 1976

Rodney L. Henslin	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Office Bldgs./Banks	20
Medical/Health Care	70
Churches/Worship	10

St. Ann's Hospital, Watertown, SD; Yankton Clinic P.A., Yankton, SD; Hazel Park Family Medical Center, St. Paul, MN

HILLS GILBERTSON ARCHITECTS INC.

6311 Wayzata Blvd.
Minneapolis, MN 55416
612/545-5678
Established 1940

Victor C. Gilbertson	FAIA
Leslie E. Formell	AIA
James I. Lammers	AIA

Firm Personnel by Discipline	
Architectural	8
Interior Designers	1
Other Technical	1
Administrative	4
Total in Firm	14

	Work %
Housing	3
Retail/Commercial	5
Industrial/Manufacturing	8
Medical Facilities/Health Care	66
Churches/Worship	12
Interior Architecture	2
Education/Academic Buildings	3

St. Cloud Hospital, St. Cloud, MN; St. Mary's Hospital Critical Care, Minneapolis, MN; Cannon Falls Hospital, Cannon Falls, MN; Berea Lutheran Church, Richfield, MN; Univac Corporation, St. Paul, MN; Paynesville Lutheran Church, Paynesville, MN

THE HODNE/ STAGEBERG PARTNERS INC.

116 E. 22nd St.
Minneapolis, MN 55404
612/871-1700
Established 1968

Thomas H. Hodne, Jr.	FAIA, AICP
James E. Stageberg	FAIA
Kermit V. Crouch	AICP
Gerald S. Johnson	AIA
James E. Taplin	AIA

Firm Personnel by Discipline	
Architectural	13
Planners	1
Administrative	5
Total in Firm	19

	Work %
Housing	50
Office Buildings/Banks	10
Retail/Commercial	8
Industrial/Manufacturing	7
Medical Facilities/Health Care	5
Churches/Worship Facilities	3
Interior Architecture	2
Solar/Earth Sheltered	3
Education/Academic Buildings	11

Doyle/Ryder Community School, Flint, MI; IBM Laboratory/Administration Facility, Rochester, MN; Native American Center for the Living Arts, Niagara Falls, NY; Centre Village Condominiums/Hotel/Parking Ramp, Minneapolis, MN; Nicollet-Lake Multi-Use Facility, Minneapolis, MN

BRAD HOKANSON, AIA, ARCHITECTURE AND URBAN DESIGN

4537 Zenith Ave. S.
Minneapolis, MN 55410
612/926-2510
Established 1981

Brad Hokanson	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	75
Energy Research	25

Whittier Townhomes, Minneapolis, MN; Marshall Avenue Residence, St. Paul, MN (single family house)

HORTY, ELVING & ASSOCIATES INC.

505 E. Grant St.
Minneapolis, MN 55404
612/332-4422
Established 1955

Thomas Horty	AIA
Carl D. Elving	PE

Firm Personnel by Discipline	
Architectural	7
Engineering	9
Interior Designers	2
Planners	1
Other Technical	1
Administrative	2
Total in Firm	22

	Work %
Housing	25
Medical Facilities/Health Care	75

Barron Community Memorial Hospital, Barron, WI; CRISTA Senior Housing, Seattle, WA; St. John's Hospital, Red Wing, MN; St. Joseph's Hospital, Dickson, ND; Glenhaven Nursing Home, Glencoe, MN; Deaconness Hospital, Bozeman, MT

TRUMAN HOWELL ARCHITECTS & ASSOCIATES, INC.

220 Mendelssohn Avenue, Suite 130
Minneapolis, MN 55427
Established 1978

Truman Howell	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	15
Office Buildings	30
Medical/Health Care	30
Churches/Worship	10
Solar/Earth Sheltered	15

Airport Business Center I, Bloomington, MN; Airport Business Center II, Bloomington, MN; Tescom Corporation, Watertown, SD; Tescom Corporation, Elk River, MN; Premle Residence, Burnsville, MN; Infield Residence, Stillwater, MN

I-J

IDSTROM OSTREIM ARCHITECTS, P.A.

633 E. Lake St.
Wayzata, MN 55391
612/473-1011
Established 1980

John B.A. Idstrom, II	AIA
David M. Ostreim	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

INTERDESIGN INC.

1409 Willow St.
Minneapolis, MN 55403
612/871-7979
R.R. 1
River Falls, WI 54022
Established 1969

Duane Thorbeck	AIA
Roger B. Martin	ASLA
Robert Lambert	AIA

Firm Personnel by Discipline	
Architectural	4
Landscape Architects	2
Other Technical	2
Administrative	2
Total in Firm	10

	Work %
Housing	10
Church/Worship	5
Restoration/Preservation	10
Municipal Buildings	30
Education/Academic Buildings	10
Landscape Architecture	35

Minnesota Zoological Garden, Apple Valley, MN; Augsburg Park Library, Richfield, MN; St. Cloud Public Library, St. Cloud, MN; Pioneer Hall Renovation, Minneapolis, MN; Vinland National Center, Independence, MN

PHILLIP D. JOHNSON ARCHITECT

5637 Brooklyn Boulevard
Minneapolis, MN 55429
612/533-4235
Established 1978

Phillip D. Johnson	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	20
Office Buildings	5
Medical/Health Care	10
Churches/Worship	50
Solar/Earth Sheltered	15

Brooklyn Law Center; Zimmerman Evangelical Free Church Addition; Remodeling of Colony Park Baptist Church

JAFVERT, MUELLER AND ASSOCIATES, INC.

6700 France Avenue
Edina, MN 55435
(612) 926-7677
Established 1972

Lloyd R. Jafvert	AIA
Steven P. Mueller	

Firm Personnel by Discipline	
Architectural	5
Administrative	½
Total in Firm	5½

	Work %
Housing	25
Office Bldgs./Banks	12
Retail/Commercial	13
Industrial	10
Medical/Health Care	5
Restoration/Preservation	7
Municipal Buildings	3
Interior Architecture	15
Solar/Earth Sheltered	5
Education/Academic Buildings	5

Northland Executive Office Center, Bloomington, MN; Golden Hills Shopping Center, Golden Valley, MN; American Indian Evangelical Church, Minneapolis, MN; Garcia's Restaurant, St. Louis Park, MN; Clairmont Residence, Bismarck, ND; Johnson Residence, Wayzata, MN

JOHNSON, SHELDON & SORENSON ARCHITECTS, INC.

10249 Yellow Circle Drive
Minnetonka, MN 55343
(612) 935-6337
Established 1972

Roger F. Johnson	AIA
Alvin D. Sheldon	AIA
Carlyle A. Sorenson	AIA

Firm Personnel by Discipline	
Architectural	7
Other technical	1
Administrative	1
Total in Firm	9

	Work %
Housing	20
Office Bldgs./Banks	25
Retail/Commercial	5
Industrial	10
Medical/Health Care	10
Churches/Worship	10
Municipal Buildings	5
Interior Architecture	5
Education/Academic Buildings	10

Calvary Lutheran Church Addition, Alexandria, MN; HUD Elderly Housing, Dodge Center, MN; MHFA Family Housing Project, New Prague, MN; McCarthy Residence, Deephaven, MN; Nichols Classroom Hall Rehab to Office Bldg., Mankato, MN

K

KEGEL ASSOCIATES ARCHITECTS

1050 Lake Ave.
P.O. Box 599
Detroit Lakes, MN 56501
218/847-9876
Established 1960

Fred W. Kegel, Jr.	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	15
Office Buildings/Banks	40
Medical Facilities/Health Care	35
Municipal Buildings	10

Hospital, Red Lake, MN; Telephone, Walker, MN; Fish Processing, Sault Ste. Marie, MI; YMCA, Fergus Falls, MN; Nursing Home, Fertile, MN; Community College, Fergus Falls, MN

KEILLOR ARCHITECTS

1642 Edgewood Ave. S.
St. Louis Park, MN 55426
612/545-1324
Established 1980

Richard Keillor	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	20
Office Buildings/Banks	50
Retail/Commercial	10
Education/Academic Buildings	10
Energy Conservation	10

Addition and Remodeling, First National Bank, Anoka, MN; Bunker Riverview Estate

KEISER ARCHITECTURE CORPORATION

752 Springen Ave.
Fergus Falls, MN 56537
218/739-2396
Established 1972

Roger J. Keiser	AIA

	Work %
Housing	2
Office Buildings/Banks	4
Retail/Commercial	4
Medical Facilities/Health Care	40
Churches/Worship	2
Restoration/Preservation	10
Municipal Buildings	2
Interior Architecture	2
Solar/Earth Sheltered	8
Education/Academic Buildings	25

Archdeacon Gilfillan School, Bemidji, MN; Sunset Nursing Home, Park Rapids, MN; Fergus Falls State Hospital Remodeling, Fergus Falls, MN; Nobles County D.A.C., Worthington, MN; Martin County D.A.C., Sherburne, MN

KILSTOFTE AND POISSON

250 N. Central
Suite 210
Wayzata, MN 55391
612/473-0277
Established 1970

Irwin H. Kilstofte	AIA
Fred A. Poisson	

Firm Personnel by Discipline	
Architectural	5
Interior Designers	1
Administrative	2
Total in Firm	8

	Work %
Housing	2
Office Buildings/Banks	40
Retail/Commercial	8
Industrial/Manufacturing	20
Municipal Buildings	10
Interior Architecture	20

Fifth Northwestern National Bank, Minneapolis, MN; Red Wing Shoe Company, Red Wing, MN; Minnesota Department of Transportation Building, Willmar, MN; Northern States Power Company, Winona, MN; Marquette Bank and Trust Company, Rochester, MN; City of Golden Valley, Golden Valley, MN

KLAPSTE GOLTZ ASSOCIATES INC.

1112 Nicollet Mall
Minneapolis, MN 55403
612/332-8901
Established 1976

Howard F. Goltz	AIA
James L. Klapste	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	25
Office Buildings/Banks	50
Retail/Commercial	5
Industrial/Manufacturing	5
Interior Architecture	10
Planning	5

Production Credit Association, Waconia, MN; E&P Enterprises, Inc., Eden Prairie, MN; Edina Place Condominiums, Edina, MN; Eide Residence, Minnetonka, MN; DCA, Minnetonka, MN

CLETUS G. KLEIN ARCHITECT

32 Tenth Ave. S.
Hopkins, MN 55343
612/935-1975
Established 1969

Cletus G. Klein	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Office Buildings/Banks	20
Retail/Commercial	5
Industrial/Manufacturing	10
Medical Facilities/Health Care	20
Churches/Worship	35

GEORGE KLEIN AND COMPANY ARCHITECTS INC.

18340 Minnetonka Blvd.
Deephaven, MN 55391
612/473-1505
Established 1977

George F. Klein, Jr.	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	10
Office Buildings/Banks	15
Retail/Commercial	15
Industrial/Manufacturing	20
Medical Facilities/Health Care	5
Interior Architecture	15
Criminal Justice	20

Pillsbury Company World Headquarters (with MGA and DCI), Minneapolis, MN; Hennepin County Work/Study Release Facility, Plymouth, MN; Buustead Electric and Manufacturing Company Addition, Golden Valley, MN; Methodist Hospital Admitting and Auditorium Remodeling, St. Louis Park, MN; Cherba, Winter, Carlson-Frank Residences; The Corner Office, Deephaven, MN

BRUCE KNUTSON ARCHITECTS INC.

123 E. Grant St.
Minneapolis, MN 55403
612/874-7050
Established 1976

Bruce Knutson	AIA, CSI

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	75
Office Buildings/Banks	10
Retail/Commercial	5
Industrial/Manufacturing	5
Restoration/Preservation	5

Lake Shore Drive Condominiums, Richfield, MN; Calhoun Isles Townhomes, Minneapolis, MN; Corporate Headquarters, Minnesota Rubber, St. Louis Park, MN; Pontillo's Pizzeria, Brooklyn Center, MN; David Nitz Residence, Minnetonka, MN; David Prosser Residence, Minnetonka, MN

KORNGIEBEL ARCHITECTS

102 Main St. S.
Hutchinson, MN 55350
612/587-2483
Established 1969

John Korngiebel	AIA

Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5

	Work %
Housing	50
Office Buildings/Banks	20
Industrial/Manufacturing	10
Church/Worship	10
Municipal Buildings	10

Renville County Public Scattered Housing; Addition, Peace Lutheran Church, Hutchinson, MN; Fire Station, Hutchinson, MN; McLeod County Dev. Achievement Center; Addition and Remodeling, Union State Bank, Browns Valley, MN; Todd County Group Home

KORSUNSKY KRANK ERICKSON ARCHITECTS, INC.

570 Galaxy Bldg.
330 2nd Avenue So.
Minneapolis, MN 55401
(612) 339-4200
Established 1968

Y. A. Korsunsky	AIA
Ronald Krank	AIA
Ronald C. Erickson	AIA
David W. Broesder	AIA
Keith von Busch	AIA
John Sagat	AIA
Daryl Fortier	AIA

Firm Personnel by Discipline	
Architectural	27
Interior Designers	
Administrative	
Total in Firm	31

	Work %
Housing	30
Office Bldgs./Banks	20
Retail/Commercial	20
Industrial	10
Medical/Health Care	10
Restoration/Preservation	
Municipal Buildings	
Interior Architecture	10
Solar/Earth Sheltered	
Education/Academic Buildings	

Galaxy Office Building, Minneapolis, MN; Point of France Condoniums, Minneapolis, MN Contemporary Designs, Inc., Minneapolis, MN; Elk River Congregate Housing, Elk River MN; Lunds Supermarkets, MN Microcomponent Technology Corp. World Hqtrs., Shoreview, MN

L

LAMB ARCHITECTURE
1782 Laurel Avenue
St. Paul, Minnesota 55104
612/646-5320
Established 1979

Terry John Lamb	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	64
Retail/Commercial	36

LEONARD LAMPERT ARCHITECTS, P.A.
Rte. 1 Box 178H
Credit River Township, MN
55372
612/447-8700
Established 1980

Leonard Lampert	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	25
Office Bldgs./Banks	10
Industrial	50
Restoration/Preservation	10
Interior Architecture	5

GSB Office Warehouse—Eden Prairie, MN; Gage Residence—Port St. Lucie, FL; Dain Tower Renovation, Minneapolis, MN; Oshima Bonsai Nursery, St. Mary's Point, MN

RICHARD LARSEN ARCHITECTS
21 North Shore Drive
Detroit Lakes, MN 56501
218/847-9439
Established 1979

Richard A. Larsen	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	40
Office Bldgs./Banks	10
Medical Facilities	10
Restoration/Preservation	20
Municipal Buildings	10
Solar/Earth Sheltered	10

LILYHOLM YOUNG & GLEESON
237 E. Sixth Street
St. Paul, Minnesota 55101
612/227-7667
Established 1979

Leonard P. Lilyholm	
Howard J. Young	
Daniel J. Gleeson	AIA

Firm Personnel by Discipline	
Architectural	4
Administrative	3
Total in Firm	7

	Work %
Housing	40
Office Bldgs./Banks	30
Restoration/Preservation	20
Interior Architecture	10

St. Paul Energy Park, St. Paul; Panama Flats Condos, St. Paul; Riverbend Project, Rochester; Chicago Great Western Freight Station Office Condo, St. Paul; Fifth Avenue, Edina; Marquette Bank, Fridley

LINDBERG PIERCE, INC.
512 Nicollet Mall
Minneapolis, MN 55402
612/332-3339
Established 1973

James H. Lindberg	AIA
Robert L. Pierce	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	10
Office Bldgs./Banks	40
Retail/Commercial	10
Industrial	5
Churches/Worship	5
Restoration/Preservation	10
Municipal Buildings	15
Interior Architecture	5

Community Development Agency Offices, Mpls; NW Bell Switching Stations, Bloomington & Burnsville; KQRS Radio Station Remodeling & Addition, Golden Valley, MN; Townhouse Development, Glenwood, MN; State Bank of Young America Addition, Young America, MN; Public Works Offices, Bloomington, MN

JACK LINDEMAN—SPECIFICATIONS CONSULTANT
5000 First Avenue South
Minneapolis, MN 55419
612/824-8822
Established 1975

Jack Lindeman	AIA

	Work %
Housing	30
Office Bldgs./Banks	30
Retail/Commercial	5
Industrial	5
Medical	5
Restoration/Preservation	15
Municipal Buildings	5
Education	20

LUNDAHL ARCHITECTS
5509 Eden Prairie Road
Minnetonka, MN 55343
612/933-3011
Established 1972

Richard L. Lundahl	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1½
Total in Firm	3½

	Work %
Housing	5
Office Bldgs./Banks	10
Industrial	5
Churches/Worship	80

Edina Baptist Church Phase 1; Edina Baptist Church Phase 11; St. Hubert's Catholic, Chanhassen; Eden Prairie Assembly of God Phase 1; Pheoll Manufacturing of Sioux Falls, SD

THE LUNDGREN ASSOCIATES, INC.
1140 Minnesota Building
St. Paul, MN 55101
612/224-4765
Established 1949

Louis R. Lundgren	FAIA
June S. Lundgren	AIA
Cherry Gen Lundgren	

Firm Personnel by Discipline	
Architectural	3
Total in Firm	3

M

MACDONALD AND MACK PARTNERSHIP
750 Grain Exchange Building
Minneapolis, MN 55415
612/341-4051
Established 1977

Stuart E. MacDonald	
Robert C. Mack	AIA

Firm Personnel By Discipline	
Architectural	2
Other	1
Total in Firm	3

	Work %
Restoration/Preservation/ Adaptive Use	100

Adaptive Use of Hohlman Methodist Church, St. Paul; O'Neal-Dayton Place Condominium Rehabilitation, St. Paul; Historial/architectural study of Nicholas Jarrot Mansion, Cahokia, IL; Masonry Restoration at Fort Jackson, Savannah, GA; Historical/architectural survey of Janesville, WI; Restoration of the Grain Exchange Building terra cotta, Minneapolis

ROBERT G. MAGNEY AIA
11408 Oak Ridge Lane
Minnetonka, MN 55343
612/544-9219

Robert G. Magney	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

MALLOCH-WIRTH ARCHITECTS INC.

221 3rd Avenue South
Minneapolis, MN 55401
612/333-3141
Established 1981

Harry Wirth	
Duncan Malloch	AIA
Bob Ready	AIA, AICP

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	40
Office Buildings/Banks	20
Retail/Commercial	20
Solar/Earth Sheltered	20

Control Data Small Farms Earth Berm Housing, Princeton, MN; 1990 Portola Estate Residence, Woodside, CA; Timber Inn Motel-Restaurant, Phillips, WI; Planning Phase—17.5 acres on El Camino Real, San Francisco, CA; Restoration/remodel—Silverado Mountain Ranch, Healdsburg, CA; Wild River General Store, Cable, WI.

MASTNY ASSOCIATES, ARCHITECTS

15 Brown Road South
Long Lake, MN 55356
612/476-0276
Established 1957

George G. Mastny	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Retail Commercial	70
Industrial	30

American Inns Hotel, Minot, ND; Boosalis Building, Chicago & Lake, Mpls.; Arrowhead Center Remodeling, Minot, ND; Clyde Jorgenson Addition, Plymouth, MN; Red Owl Store, St. James, MN; Industrial Bldg, Northland Park, Brooklyn Park, MN.

MATRIX ASSOCIATES, ARCHITECTS

7515 Wayzata Boulevard
Minneapolis, MN 55426
612/544-4122
Established 1973

Robert D. Hanson	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	34
Industrial	2
Medical Facilities	38
Education	12
Non-Const. Consulting	14

Luther Haven Home, Montevideo; Bethesda Nursing Home, Willmar; Doctors Clinic, Benson; Renovation & Remodeling, Cambridge State Hospital; Remodeling Oddfellows' Home, Northfield; Mini-warehouse, New Hope.

MATSON, WEGLEITNER, ABENDROTH ARCHITECTS

North Plaza Building
5217 Wayzata Blvd.
Minneapolis, MN 55416
(612) 544-8941
Established 1958

Al Wegleitner	AIA
Urban Abendroth	AIA

Firm Personnel by Discipline	
Architectural	6
Engineering	1
Administrative	1
Total in Firm	8

	Work %
Office Bldgs./Banks	5
Industrial	5
Interior Architecture	5
Education/Academic Buildings	85

Southwest Junior Swimming Pool, Forest Lake, MN; Barnum Senior High School, Barnum, MN; Stapes AVTI, Staples, MN; Big Lake Elementary School, Big Lake, MN; Orono Theater, Orono, MN; Rice Lake Elementary School, Osseo, MN

MCENARY KRAFFT BIRCH & KILGORE, INC.

10501 Wayzata Boulevard
Minnetonka, MN 55343
612/546-8917
Established 1934

Merrill A. Birch	AIA
Robert A. Kilgore	AIA
Robert C. Van Hoe	CSI

Firm Personnel by Discipline	
Architectural	3
Total in Firm	3

MCGUIRE COURTEAU LUCKE ARCHITECTS INC.

867 Grand Avenue
St. Paul, MN 55105
612/222-8451
Established 1973

Patrick F. McGuire	AIA
Arnold S. Lucke	AIA
Richard J. Dufresne	

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

	Work %
Housing	15
Office Bldgs/Bank	5
Retail/Commercial	5
Industrial	5
Medical	10
Churches/Worship	10
Restoration/Preservation	5
Municipal Buildings	10
Interior Architecture	10
Solar/Earth Sheltered	5
Education	20

Our Lady of Good Counsel Home, St. Paul, MN; Dakota County AVTI, Rosemount, MN; John Paul Residence Hall, College of St. Thomas, St. Paul; Eastview Recreation Center; City of St. Paul; District Services Facility, St. Paul Public Schools; Longfellow Elementary School, St. Paul Public Schools

MARK MCKECHNIE, ARCHITECT

314 West Avenue
Red Wing, MN 55066
612/388-6382
Established 1979

Mark McKechnie	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	15
Office Bldgs/Banks	15
Retail/Commercial	15
Industrial	5
Churches/Worship	5
Restoration/Preservation	15
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	10
Education	5

Goodhue County Citizens Bldg, Red Wing; Yorkshire Green Townhouses, North Branch; Energy Efficient Duplex, Red Wing; The Old Pottery Development, Red Wing

JAMES NELSON MCKELLIN III ARCHITECT

604 W. Minnehaha Parkway
Minneapolis, MN 55419
612/823-5223
Established 1977

James Nelson McKellin III	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	100

Elderly & Family Housing, Foley, MN; Elderly Housing, Marathon City, WI; Elderly Housing, Clear Lake, WI; Family Housing, Amherst, WI; Elderly Housing, Mosinee, WI; Family Housing, Minong, WI.

JAMES MCNUTT AND ASSOCIATES

409 West Washington
Brainerd, MN 56401
218/829-0424
Established 1981

James McNutt	AIA
Robert Meyer	

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	2
Office Bldgs/Banks	20
Industrial	2
Medical	10
Churches/Worship	10
Restoration/Preservation	2
Municipal Buildings	10
Education	40

Brainerd Area Vocational Technical Institute—Update Project; East Grand Forks AVTI Additions & Remodeling; Owatonna High School Auditorium Remodeling; Owatonna Free Public Library, Addition & Remodeling; Various projects for Brainerd Public Schools

MELANDER AND MELANDER ARCHITECTS, INC.

800 Lonsdale Building
Duluth, MN 55802
218/727-5044
Established 1971

Donald K. Melander	AIA
James C. M. Wilander	

Firm Personnel by Discipline	
Architectural	3
Administrative	2
Total in Firm	5

	Work %
Housing	12
Office Bldgs/Banks	10
Retail/Commercial	2
Industrial	5
Medical	3
Churches/Worship	4
Restoration/Preservation	10
Municipal	20
Interior Architecture	18
Solar/Earth Sheltered	2
Education	14

St. Louis County Heritage & Arts Center, Performing Arts Bldg, Duluth; Duluth Water & Gas Dep't, City of Duluth; Service Center at Long Prairie, for Minnesota Power, Duluth; U.S. Army Reserve Center Modernization/Add'n, Duluth; West End Firehall, City of Duluth; Morgan Park Jr. High School Remodeling/Add'n, Duluth

GORDON R. METCALF, ARCHITECT, AIA, LTD.

3030 Harbor Lane N.
Plymouth, MN
612/559-1734
Established 1969

Gordon R. Metcalf	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	90
Industrial	10

Indian Housing, Leech Lake; Indian Housing, White Earth; Remodeling Moose Lake State Hospital

MEYER, SCHERER AND ROCKCASTLE, LTD.

325 Second Avenue North
Minneapolis, MN 55401
612/375-0336
Established 1981

Thomas A. Meyer	AIA
Jeffrey A. Scherer	AIA
Garth C. Rockcastle	AIA

Firm Personnel by Discipline	
Architectural	5
Total in Firm	5

	Work %
Housing	20
Office Bldgs/Banks	20
Retail/Commercial	15
Industrial/Manufacturing	10
Restoration/Preservation	10
Municipal Buildings	5
Interior Architecture	10
Solar/Earth Sheltered	5
Museums	5

Lagerquist Corporate Headquarters; 1200 Dental Group Clinic; Childrens Museum, Inc.; Lowry Hill Point Renovation (Offices, Residence); Jacobson Residence; New Prague Motel

VAL MICHELSON AND ASSOCIATES, INC.

1821 University Avenue, Suite N-345
St. Paul, MN 55104
612/646-6377
Established 1961

Valerius L. Michelson,	FAIA
Craig G. Andersen,	AIA
David P. Bowers,	AIA
Daniel H. Feidt	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	2
Total in Firm	7

	Work %
Housing	20
Office Bldgs/Banks	20
Restoration/Preservation	20
Municipal Buildings	20
Interior Architecture	10
Education	10

25th Street Townhouses, Mpls; 555 Park office building, St. Paul; Bailey Hall, Dormitory U of M, St. Paul; West 7th Multi-Service Center, St. Paul; Northwestern Bank, interior restoration, Owatonna, MN; Seward Condominiums, Minneapolis

WILLIAM MILBRATH, ARCHITECT

233A North Main Street
P.O. Box 481
Austin, MN 55912
507/433-7421
Established 1949

William Milbrath	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	5
Office Bldgs./Banks	10
Churches/Worship	15
Municipal Buildings	65
Solar/Earth Sheltered	5

Fire Station, Austin, MN; The Register, Oelwein, IA

MILLER-DUNWIDDIE-ARCHITECTS, INC.

7913 Southtown Center
Minneapolis, MN 55431
612/884-8421
Established 1963

Foster W. Dunwiddie	AIA
William J. Miller	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Office Buildings	10
Retail	5
Industrial	5
Restoration/Preservation	25
Municipal Buildings	25
Other (Airport)	30

Pier "D" 2nd Addition & Remodeling Wold Chamberlain Field, MN; Commandant's House & Officers' Quarters Historic Restoration, Ft. Snelling, MN; Brainerd Crow Wing Airport Terminal Building, Brainerd, MN; C. A. Weyerhaeuser Museum, Little Falls, MN; Stearns County Historical Museum, St. Cloud; China Airlines Jet Engine Test Cell, Taipei, Taiwan.

MILLER HANSON WESTERBECK BELL ARCHITECTS INC.

Butler Square, Suite 300
100 North Sixth Street
Minneapolis, MN 55403
612/338-7700
Established 1962

John R. Miller	AIA
James E. Hanson	AIA
Larry W. Westerbeck	AIA
Edwin M. Bell	AIA

Firm Personnel by Discipline	
Architectural	26
Other technical	3
Administrative	2
Total in Firm	31

	Work %
Housing	67
Office Bldgs/Banks	3
Retail/Commercial	3
Medical Facilities	7
Restoration/Preservation	10
Municipal Buildings	2
Interior Architecture	4
Solar/Earth Sheltered	4

Lake Point Condominiums, Mpls; Butler Square, Mpls; River Place, Mpls; Lowertown, St. Paul; Stonehouse Square, Mpls; Nicollet Towers, Mpls

MONSON/UELAND ARCHITECTS, INC.

112 North Third Street
Minneapolis, MN 55401
612/333/4260
Established 1981

D. Jon Monson	AIA
Christopher Ueland	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	70
Retail/Commercial	10
Restoration/Preservation	20

The Hiddenshores of Crystal Lake, Robbinsdale; Mitterhauser's Le Cuisine, Mpls; Component Investment Office Building, Mpls; John Pillsbury III Residence, Orono

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ELDON MORRISON ARCHITECTS/INC.

613 Fourth Street
White Bear Lake, MN 55110
612/426-3287
Established 1967

Eldon Morrison	AIA

Firm Personnel by Discipline	
Architectural	5
Total in Firm	5

	Work %
Housing	20
Office Bldgs/Banks	10
Retail/Commercial	5
Industrial/Manufacturing	10
Medical Facilities	5
Churches/Worship	20
Restoration/Preservation	5
Municipal Buildings	2
Interior Architecture	3
Solar/Earth Sheltered	20

Nationality Cultural Center, St. Paul; Active solar earth sheltered residence, Rosemount; Peach United Methodist Church, North Oaks, MN; Lakewood West Condominiums, White Bear Lake; Reell Precision Manufacturing, Corporate Headquarters & Manufacturing, Vadnais Heights; Passive solar earth sheltered Residence, Dellwood, MN

JAMES MORSS ARCHITECTS

701 South First Street
Minneapolis, MN 55401
612/339-1091
Established 1981

James Morss	AIA

ROBERT M. NELSON, ARCHITECT

2589 Fisk Street
Roseville, MN 55113
612/484-9027
Established 1980

Robert M. Nelson	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	5
Industrial/Manufacturing	50
Churches/Worship	25
Consulting	20

Superwood Corp. Addition, Duluth, MN; Aerolift Inc., Eden Prairie, MN; Cirrus Flight Operations, Inc., Blaine, MN; Determan Welding & Tank Service, Inc., Fridley, MN; New Life Community Church, Cottage Grove, MN

NEMETH ASSOCIATES

6 West Fifth Street
St. Paul, MN 55102
612/227-7888
Established 1980

Frank D. Nemeth	AIA

Firm Personnel by Discipline	
Architectural	4
Interior Designer/Planner	1
Total in Firm	5

	Work %
Housing	20
Office Buildings/Banks	35
Retail/Commercial	20
Industrial/Manufacturing	5
Medical Facilities/Health Care	15
Restoration/Preservation	5

Evenson Office Building, Columbia Heights, MN; Retail Mall, Columbia Heights, MN; Private Residence, Big Sandy Lake, McGregor, MN; COMSERV Corp., International Headquarters, Eagan, MN; Women's Specialty Hospital, Cairo, Egypt; One Corporate Center, Phase 5 and 6, Edina, MN

NEUJAHR & WALIJARVI ASSOCIATES, INC.

1600 Pioneer Building
St. Paul, MN 55101
612/224-3355
Established 1967

Rodney E. Neujahr	AIA
Michael E. Walijarvi	

Firm Personnel by Discipline	
Architectural	4
Other technical	1
Administrative	2
Total in Firm	7

	Work %
Industrial/Manufacturing	8
Churches/Worship Facilities	12
Education/Academic Buildings	80

Central Baptist Church, St. Paul, MN; Westwood Junior High School, Blaine, MN; Fine Arts Auditorium Addition, Spring Lake Park, MN; Earth Sheltered Elementary School, Norwood, MN; Gymnasium Addition, Granite Falls High School, Granite Falls, MN; Lindstrom Junior High School Addition, Lindstrom, MN

NORDALE ASSOCIATES

3250 West 66th Street
Minneapolis, MN 55435
612/925-3646
Established 1972

David E. Nordale	AIA

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THE OSTBERG ARCHITECTS

1191 Niles Avenue
St. Paul, MN 55116
(612) 699-9678
Established 1980

Linda Ostberg	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	80
Office Bldgs./Banks	20
Interior Architecture	10
Solar/Earth Sheltered	50

Passive Solar Addition to Sattler Residence, Plymouth, MN; Energy Audit, Anoka Professional Bldg., Anoka, MN; Residential Remodeling & Addition, St. Louis Park, MN; Private Residence, Lino Lakes, MN; Passive Solar Addition, St. Louis Park, MN

PALAIA-SVEDBERG/ ARCHITECTS

409 Willow Street
Minneapolis, MN 55403
12/874-9490
Established 1974

Nicholas A. Palaia	AIA
Vern Svedberg	AIA
Peter Sieger	AIA

Firm Personnel by Discipline	
Architectural	6
Other Technical	2
Administrative	1
Total in Firm	9

	Work %
Housing	50
Office Buildings/Banks	10
Retail/Commercial	10
Industrial/Manufacturing	5
Restoration/Preservation	20
Municipal Buildings	5

Riverplace, Minneapolis, MN; Ukrainian American Community Center, Minneapolis, MN; The Glen Condominiums, Minnetonka, MN; Hammond Residence, Little Canada, MN; Shell Lake Dental Clinic, Shell Lake, WI; Masonic Temple Renovation, Minneapolis, MN

THE LEONARD PARKER ASSOCIATES, ARCHITECTS INC.

330 Oak Grove
Minneapolis, MN 55403
612/871-6864
Established 1957

Leonard S. Parker	FAIA
Gary J. Mahaffey	AIA
Francis Bulbulian	AIA
Steve Huh	AIA

Firm Personnel by Discipline	
Architectural	11
Other Technical	3
Administrative	2
Total in Firm	16

	Work %
Housing	5
Office Buildings/Banks	25
Industrial/Manufacturing	5
Churches/Worship	5
Restoration/Preservation	15
Solar/Earth Sheltered	10
Education/Academic Buildings	30
Planning	5

University of Minnesota Law School; Ramsey County Juvenile Service Center, St. Paul; Gelco International Headquarters, Eden Prairie, MN; New York Law School, New York City; Minnesota Public Radio, St. Paul, MN; University of Minnesota Fieldhouse, Duluth

THE PARRISH ARCHITECTS

(Formerly Gauger-Parrish, Inc.)
500 Pioneer Building
St. Paul, MN 55101
612/224-5691
Established 1972

Willard C. Parrish, Jr.	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Office Buildings/Banks	5
Retail/Commercial	5
Industrial/Manufacturing	10
Criminal Justice	80

Visitor-Treatment Center, Taycheedah, Wisconsin Women's Prison; San Juan County Detention Center, Farmington, NM; Trempealeau County Jail, Whitehall, WI; County Jail Intake Center, Elizabeth, NJ; Johnson County Jail, Iowa City, IA; Douglas County Jail, Douglasville, GA

PAT & ROLF PARTNERSHIP

MM Durnam Building
927 West Broadway
Minneapolis, MN 55411
612/521-8881
Established 1978

Rolf Lokensgard	AIA
Pat Waddick	

Firm Personnel by Discipline	
Architectural	3
Total in Firm	3

	Work %
Housing	30
Office Buildings/Banks	15
Retail/Commercial	15
Churches/Worship	10
Restoration/Preservation	5
Solar/Earth Sheltered	5
Community Services	20

Northside Settlement Services, Inc. Remodeling, Minneapolis, MN; Lovell Square Condominiums, Minneapolis, MN; 115 year old House Rehabilitation, Minneapolis, MN; Blockhouse Condominiums, Minneapolis, MN; House Moving/Behind-the-store Parking, West Broadway Redevelopment; MM Durnam Building Commercial Rehabilitation, Minneapolis, MN

PATCH ERICKSON MADSON WATTEN, INC.

2311 Wayzata Boulevard
Minneapolis, MN 55405
612/374-3490
Established 1952

Donald M. Erickson	AIA
John A. Madson	AIA
L. Vern Watten	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	2
Total in Firm	7

	Work %
Housing	40
Office Buildings/Banks	5
Medical Facilities/ Health Care	25
Municipal Buildings	30

Wind River Condominiums, Wyoming; Anoka County Parking Ramp and Courthouse Remodeling; Roseau MN Area Hospital and Clinic Additions; Melrose MN Hospital Addition; Scott County Detention Facility; County of Anoka Park Shelter

DON PATES, AIA ARCHITECT

Architect—Planner, Building & Energy Code Consultant
1291 Charlton
West St. Paul, MN 55118
612/457-3974
Established: 1982

Don Pates	AIA

PAULY & OLSEN ASSOCIATES, LTD.

113 Fifth Avenue South
St. Cloud, MN 56301
612/252-4740
Established 1974

Robert F. Pauly,	AIA
Richard A. Olsen	AIA
Joseph R. Bettendorf	PE
Gale J. Eastwood	PE

Firm Personnel by Discipline	
Architectural	5
Engineering	5
Other Technical	1
Administrative	3
Total in Firm	14

	Work %
Housing	12
Office Buildings/Banks	11
Retail/Commercial	11
Industrial/Manufacturing	7
Medical Facilities/Health Care	5
Churches/Worship	7
Municipal Buildings	4
Education/Academic Buildings	10
Prime Engineering (Civil)	33

Stearns County National Bank, St. Cloud, MN; Maintenance Building, St. Cloud State University; Precision Optics, St. Cloud, MN; Viking Coca-Cola Bottling Co., St. Cloud, MN; Enfield I-94 Safety Rest Area; College of St. Benedict, Henrita Academic Building Remodeling, St. Joseph, MN

PETERSON, CLARK AND ASSOCIATES, INC.

750 Plymouth Building
Minneapolis, MN 55402
612/333-3215
Established 1960

Richard A. Peterson	AIA
Wilber B. Clark, Jr.	AIA

Firm Personnel by Discipline	
Architectural	6
Other Technical	2
Administrative	2
Total in Firm	10

	Work %
Housing	10
Office Buildings/Banks	20
Retail/Commercial	10
Restoration/Preservation	10
Municipal Buildings	10
Interior Architecture	10
Education/Academic Buildings	10
Hotel	10
Parking Structures	10

Minnesota Zoological Garden, Apple Valley, MN; 7500 York, Edina, MN; Hyatt Regency Hotel, Minneapolis, MN; Loring Municipal Parking Ramp, Minneapolis, MN; Northwestern Bank Operations Center, Minneapolis, MN; Bolander Office Building, St. Paul, MN

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PIEPER-RICHMOND ARCHITECTS, INC.

200 Northeast Professional Bldg.
120 First St. N.E.
Rochester, MN 55901
507/288-1839
Established 1966

Kenneth C. Pieper	AIA
Robert E. Richmond	AIA

Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	1
Total in Firm	4

	Work %
Office Buildings/Banks	5
Retail/Commercial	5
Industrial/Manufacturing	15
Medical Facilities/Health Care	10
Churches/Worship	5
Restoration/Preservation	10
Municipal Buildings	10
Interior Architecture	5
Education/Academic Buildings	15
State and Federal Armories	20

PLANNING AND DESIGN INC.

354 Grain Exchange Building
Minneapolis, MN 55415
612/339-4530
Established 1978

Loren D. Hoseck	AIA

Firm Personnel by Discipline	
Architectural	1
Interior Designers	2
Administrative	1
Total in Firm	4

	Work %
Interior Architecture	100

Honeywell, Inc., Solid State Electronics Div., Plymouth, MN; Vertimag Systems Inc., Minneapolis, MN; Medtronic, Minneapolis, MN; Best & Flanagan, Attorneys, Minneapolis, MN; Continental Grain Co., Minneapolis, MN; ADC/Magnetic Controls Co., Bloomington, MN

POPE ASSOCIATES INC.

533 St. Clair Avenue
St. Paul, MN 55102
612/291-8894
Established 1977

Robert L. Pope	PE, AIA
Jon R. Pope	AIA
Daniel M. Klecker	

Firm Personnel by Discipline	
Architectural	11
Administrative	2
Total in Firm	13

	Work %
Housing	15
Office Buildings/Banks	5
Industrial/Manufacturing	64
Medical Facilities/Health Care	5
Churches/Worship	2
Restoration/Preservation	2
Interior Architecture	5
Solar/Earth Sheltered	2

Northern States Power Co., Monticello Nuclear Training Center, Monticello, MN; NSP Co., Nuclear Training Center, Prairie Island; Spring Office Building, St. Paul, MN; Yankee Square (I, II, III) Office Buildings, Eagan, MN; Consolidated Electric, St. Paul, MN; Collins Communications Systems, St. Paul, MN

PETER RACCHINI AND ASSOCIATES, ARCHITECTS

716 3rd Street
White Bear Lake, MN 55110
612/429-5376
Established 1964

Peter Racchini	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	9
Retail/Commercial	15
Industrial	6
Churches/Worship	15
Municipal Buildings	36
Interior Architecture	3
Education	16

Developmental Achievement Center, Milaca, MN; Yorkshire Condominiums, St. Paul, MN; Maplewood Fire Station, Maplewood, MN; Cold Spring State Bank, Cold Spring, MN; Pine Plaza Shopping Center, Pine City, MN; St. Croix Valley Fire Station, St. Croix Beach, MN.

RAFFERTY, RAFFERTY, MIKUTOWSKI & ASSOCIATES, INC.

Gallery Professional Bldg.
17 West Exchange
St. Paul, MN 55102
(612) 224-4831
Establshed 1961

George E. Rafferty	FAIA
Richard J. Rafferty	AIA
Frank Mikutowski	
Craig E. Rafferty	AIA
Craig D. Roney	AIA

Firm Personnel by Discipline	
Architectural	9
Administrative	2
Total in Firm	11

	Work %
Housing	10
Office Bldgs./Banks	20
Retail/Commercial	10
Medical/Health Care	10
Churches/Worship	15
Restoration/Preservation	20
Municipal Buildings	15
Interior Architecture	10
Solar/Earth Sheltered	5

Como Zoo, St. Paul, MN; Everson/Waters Edge Development, Roseville, MN; Republic Airlines Hqtrs., Minneapolis, MN; Nativity Church, Fargo, ND; Immaculate Conception Church, Faribault, MN; Union Depot Restoration, St. Paul, MN

RALPH RAPSON & ASSOCIATES, INC.

1503 Washington Avenue South
Minneapolis, MN 55454
(612) 333-4561
Established 1954

Ralph Rapson	FAIA

Firm Personnel by Discipline	
Architectural	
Administrative	1½
Total in Firm	3½

	Work %
Housing	3
Office Bldgs./Banks	1
Churches/Worship	1
Restoration/Preservation	1
Municipal Buildings	
Interior Architecture	
Solar/Earth Sheltered	
Education/Academic Buildings	1

Cedar Square West, Minneapolis, MN; U. of MN Performing Arts Center, Minneapolis, MN; U. of MN at Morris Performing Arts Center, Morris, MN; Tew Residence, Minneapolis, MN; Recreation Facilities Building, U. of Southern Illinois, Carbondale, IL

RAMBO LOGAN SLOAT

5100 Thimsen Avenue
Minnetonka, MN 55343
612/474-4109
Established 1977

Logan N. Johnson	
Lynn D. Sloat	AI

Firm Personnel by Discipline	
Architectural	
Administrative	
Total in Firm	

	Work
Housing	1
Office Buildings/Banks	4
Retail/Commercial	1
Industrial	1
Medical	1
Interior Architecture	
Renderings	

Maple Grove Executive Center, Maple Grove; Super 8 Motel, Wisconsin Dells, WI; Dale Tile Office Area, Golden Valley; Bu well Residence, Orono; Hennepin Federal Branch Office, Minnetonka; Health Care Center, Cambridge, MN

REESE DESIGN

Suite 140 E
9100 W. Bloomington Freeway
Bloomington, MN 55431
612/884-1172
Established 1981

Frank L. Reese	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	25
Office Buildings/Banks	15
Industrial	10
Restoration/Preservation	20
Municipal Buildings	10
Interior Architecture	10
Solar/Earth Sheltered	10

Pennock Place Cond. Apts, Apple Valley, MN; Willow Grove Shopping Center, Plymouth MN; CWA 7200 Remodeling, Minneapolis, MN; SGL Manufacturing, Eden Prairie, MN; Interplastic Manufacturing, South Bend, IN; Park Brooke Townhouses, Plymouth, MN.

RIEKE CARROLL MULLER ASSOCIATES, INC.

1011 First Street South
P. O. Box 130
Hopkins, MN 55343
612/935-6901
Established 1955

R. C. Robertson	PE
W. Hennemuth	AIA
C. Barger	PE
P. Kaeding	PE
H. Koutsoumbos	PE
R. Roskopf	PE

Firm Personnel by Discipline	
Architectural	8
Engineering	43
Landscape Architects	3
Planners	3
Other Technical	72
Administrative	26
Total in Firm	155

	Work %
Housing	30
Office Buildings/Banks	15
Industrial	10
Medical	5
Churches/Worship	2
Restoration/Preservation	15
Municipal Buildings	10
Solar/Earth Sheltered	5
Education	3
Prime Engineering	5

Renaissance Apartments Rehabilitation, Hopkins, MN; John Paul Apartments Elderly Housing, Cold Spring, MN; Ridgedale Office Center, Minnetonka, MN; Woodsmen Office/Warehouse, Minnetonka, MN; Worthington City Hall Remodeling; Fire Station, Morris, MN

ROCKEY & CHEEVER ARCHITECTS

300 Martin Building
Mankato, MN 56001
507/345-3577
Established 1878

Walter B. Cheever	AIA, CSI
Gerhard Teschner	
A. David Asleson	

Firm Personnel by Discipline	
Architectural	3
Other Technical	1
Administrative	1
Total in Firm	5

	Work %
Housing	30
Office Buildings/Banks	20
Interior Architecture	5
Education	45

HECO Building, Mankato, MN; Swimming Pool Addition and Auditorium Renovation, St. Peter; Elementary School, St. James, MN; Middle School, St. James, MN; Bethany Seminary, Bethany College, Mankato, MN; Northwestern National Bank, remote facility, Mankato, MN.

DAVID TODD RUNYAN AND ASSOCIATES, INC.

2412 Valentine Avenue
St. Paul, MN 55108
612/645-2700
Established 1973

David T. Runyan	AIA
Gary J. Vogel	AIA

Firm Personnel by Discipline	
Architectural	8
Interior Designers	1/2
Administrative	1
Total in Firm	9-1/2

	Work %
Housing	10
Office Buildings/Banks	50
Retail/Commercial	10
Industrial	30

Production Service Building, Deluxe Check Printers, Shoreview, MN; Evenson Arden Woods Office Building, Arden Hills, MN; Lyndale Garden Center, Richfield, MN; Elder Jones Office Building, Bloomington, MN; Office and Printing Plant, Deluxe Check Printers, Denver, CO; Ridgehaven Mall, Dayton Hudson Properties, Minnetonka, MN.

RUST ARCHITECTS

619 4th Street
Suite 3-A Avalon Mall
White Bear Lake, MN 55110
612/429-1913
Established 1974

William E. Rust	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1/2
Total in Firm	1-1/2

	Work %
Housing	5
Office Buildings/Banks	5
Retail/Commercial	15
Industrial	5
Churches/Worship	10
Municipal Buildings	10
Solar/Earth Sheltered	15
Education	10
Energy	25

Avalon Mall, White Bear Lake, MN; Johnson Residence Remodeling, North Oaks, MN; Nelson Bros. Construction, Condo Documents, St. Paul, MN; Energy Analysis City of White Bear Lake, MN; Energy Analysis City of Owatonna, MN; Energy Analysis Schaak Residence, St. Paul, MN.

S

ROBERT Y. SANDBERG & ASSOCIATES, INC.

505 East 26th Street
Hibbing, MN 55746
218/263-7553
Established 1955

Robert Y. Sandberg	AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Retail/Commercial	10
Medical/Health Care	45
Churches/Worship	5
Municipal Buildings	20
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic Buildings	10

Minnesota Power Service Center, Coleraine; Northland Mental Health Center, Grand Rapids; Ely Bloomenson Community Hospital Addition, Ely; Remodeling Itasca Memorial Hospital, Grand Rapids; Addition-Remodeling First Federal Savings and Loan, Grand Rapids; Boentje Residence, Eshquagame-Biwabik

SCHROEDER ASSOCIATES, ARCHITECTS

1935 West Co. Rd. B-2
St. Paul, MN 55113
612/631-0159
Established 1976

Harry Schroeder	AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	20
Office Bldgs/Banks	80

Anthony Place, Saint Anthony; Schools Distribution Center, Arden Hills; Willow Court Town Houses, White Bear; Hamline Town Office Plaza, Roseville

RICHARD SCHWARZ/ NEIL WEBER, INC.

3601 Park Center Blvd.
Minneapolis, MN 55416
612/925-3542
Established 1970

Richard J. Schwarz	AIA
Neil Weber	AIA

Firm Personnel by Discipline	
Architectural	4
Total in Firm	4

	Work %
Housing	20
Office Bldgs/Banks	20
Retail/Commercial	15
Industrial/Manufacturing	5
Restoration/Preservation	10
Municipal Buildings	5
Interior Architecture	10
Solar/Earth Sheltered	15

Streeter Andrus Office Building, Minnetonka; Brookdale North Office Building, Brooklyn Center; The Rivers Condominium, Saint Paul; Adams Hill Park, Richfield; Twin Oaks Planned Residential and Office Development, Inver Grove Heights; Deerhaven Planned Residential Development, Plymouth

SETTER, LEACH & LINDSTROM, INC.

1011 Nicollet Mall
Minneapolis, MN 55403
612/338-8741
Established 1917

A. J. Wilwerding	AIA
Richard Vasatka	PE
George Theodore	PE
Basil Filonowich	AIA
Kaare O. Faber	PE
William Scott	AIA

Firm Personnel by Discipline	
Architectural	37
Engineering	47
Landscape Architects	1
Planners	1
Other Technical	2
Administrative	17
Total in Firm	105

	Work %
Office Bldgs/Banks	20
Retail/Commercial	10
Industrial/Manufacturing	30
Medical/Health Care	15
Restoration/Preservation	2
Municipal Buildings	10
Solar/Earth Sheltered	2
Education/Academic	10
Planning	2
Prime Engineering	5

Medical Office Building & Galleria, St. Paul; Teaching Research Center University of Minnesota, St. Paul; Graco Inc. Technical Center, Minneapolis; Target Stores, Inc., Southern Region Distribution Center, Maumelle, AR; Coca-Cola Bottling Facility, Eagan; St. Louis Park Medical Center, St. Louis Park

SHANK KLEINEMAN DEZELAR ARCHITECTS

507 Pioneer Building
St. Paul, MN 55101
612/224-7831
Established 1977

Fred J. Shank	AIA
Steven A. Kleineman	AIA
Gerald G. DeZelar	AIA

Firm Personnel by Discipline	
Architectural	3
Other Technical	1
Administrative	1
Total in Firm	5

	Work %
Housing	10
Office Bldgs/Banks	30
Retail/Commercial	20
Industrial/Manufacturing	20
Restoration/Preservation	5
Interior Architecture	5
Solar/Earth Sheltered	10

SHELTER RESOURCES, INC.

1219 Marquette Avenue South
Minneapolis, MN 55403
612/333-6837
Established 1978

Alan D. Raymond	AIA
Michael D. Sharratt	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	55
Office Bldgs/Banks	20
Retail/Commercial	5
Industrial/Manufacturing	5
Restoration/Preservation	80
Interior Architecture	15
Solar/Earth Sheltered	100

1219 Marquette Avenue South, Minneapolis; Pronto Ristorante, Minneapolis; Chicago Avenue Project, Minneapolis; J. S. Elliot Condominiums, Minneapolis

JOHN SKUJINS ARCHITECT

2300 East 22nd Street
Minneapolis, MN 55406
612/340-0590
Established 1976

John Skujins	AIA

	Work %
Housing	50
Office Bldgs/Banks	5
Retail/Commercial	15
Churches/Worship	15
Restoration/Preservation	5
Solar/Earth Sheltered	50
Education/Academic	10

Solar House, Minneapolis; Camden Mall, Minneapolis; Lyn Park Solar House; Solar Addition to Unity Christ Church

SMILEY GLOTTER ASSOCIATES

1021 LaSalle Avenue
Minneapolis, MN 55403
612/332-1401
Established 1946

Saul C. Smiley	FAIA, RAIC, AHA
Joel H. Glotter	AIA, AHA, AHP
Ralph Y. Laiderman	AIA
Garold R. Nyberg	AIA, ASID

Firm Personnel by Discipline	
Architectural	15
Engineering	1
Interior Designers	1
Planners	1
Administrative	3
Total in Firm	21

	Work %
Housing	5
Office Bldgs/Banks	10
Retail/Commercial	10
Industrial/Manufacturing	5
Medical/Health Care	40
Churches/Worship	2
Restoration/Preservation	3
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic Bldg.	5

Hennepin County Medical Center; Midway Hospital; Smith Hall, University of Minnesota; Eden Prairie Community Center; M.T.C. Bus Maintenance Facility; Veterans Administration Hospital

W. SMITH ARCHITECTS & ENGINEERS

525 Junction Street
Winona, MN 55987
(507) 452-4196

W. Wayne Smith	AIA
Willard W. Ward	
Roger L. Green	P.E.

Firm Personnel by Discipline	
Architectural	2
Engineering	1
Other technical	4
Administrative	1
Total in Firm	8

	Work %
Housing	5
Office Bldgs./Banks	15
Retail/Commercial	10
Industrial	15
Medical/Health Care	15
Churches/Worship	20
Restoration/Preservation	10
Municipal Buildings	10
Interior Architecture	5
Education/Academic Buildings	20

Dental Offices, Winona, MN; Winona County Law Enforcement Center, Winona, MN; Community Memorial Hospital Addition, Winona, MN; Houston County Group Home, La Crescent, MN; Mabel Apartments, Mabel, MN; Scandian Grove Lutheran Church, Norseland, MN

SMSQ, INC.

(Sovik, Mathre, Sathrum, Quanbeck, Architects & Planners)
205 South Water Street
P.O. Box 390
Northfield, MN 55057
507/645-4461
612/332-8679
Established 1949

Edward A. Sovik	FAIA
Sewell J. Mathre	AIA
Clinton L. Sathrum	AIA
Robert M. Quanbeck	AIA
Terrance J. Schlink	AIA

Firm Personnel by Discipline	
Architectural	9
Landscape Architects	1
Other Technical	2
Administrative	4
Total in Firm	16

Dormitory, St. Olaf College, Northfield; Science Building Addition, Concordia College, Moorhead; ALC Mission Board Apartments, St. Paul; Jones-Harrison Home, Minneapolis; St. Olaf College Old Main Restoration, Northfield; St. Michael's Church, Sioux Falls, SD

MUCKLER ORPORATION

500 Mount Curve
linneapolis, MN 55403
12/377-7553
stablished 1978

ck Smuckler	AIA

rm Personnel by Discipline	
rchitectural	3
dministrative	1
otal in Firm	4

HOMAS H. STAHL, NC., ARCHITECTS

00 West Old Shakopee Road
loomington, MN 55420
12/881-5610
stablished 1966

homas H. Stahl	AIA

rm Personnel by Discipline	
rchitectural	4
dministrative	1
otal in Firm	5

	Work %
ousing	10
ffice Bldgs/Banks	20
etail/Commercial	15
dustrial/Manufacturing	15
nurches/Worship	20
unicipal Buildings	10
anning	10

. Peter's Catholic Church, chfield; Normandale Hylands nited Methodist Church, oomington; Office Building nerne Contracting Corp., lina; Bloomington Ice Garden Addition, Bloomington; St. ice Catholic Church, Pequot kes; River Bluff Estates/Wal- n Oaks Subdivisions, Bloom- gton

E. STANIUS & SSOCIATES, INC.

31 East 8th Street
luth, MN 55812
8/724-8578
tablished 1976

nald E. Stanius	AIA
nald E. Stanius	
ckard A. Stanius	
ade A. Lawrence	

rm Personnel by Discipline	
chitectural	4
ministrative	1
tal in Firm	5

	Work %
Housing	50
Retail/Commercial	5
Medical/Health Care	0
Restoration/Preservation	7
Municipal Buildings	7
Interior Architecture	5
Education/Academic	20

Bayfield County Law Enforcement Center, Washburn, WI; Scattered Duplexes, H.R.A., Duluth; Vo-Tech Addition Northwestern High School, Maple, WI; Midtowne Manor II High-Rise, H.R.A., Duluth; Tri-Towers Waterline Replacement, H.R.A., Duluth; Bayfield County Nursing Care Facility, Washburn, WI

STEGNER-HENDRICKSON

P.O. Box 1
Brainerd, MN 56401
218/829-2255
Established 1955

L. E. Stegner	AIA
W. C. Hendrickson	AIA, PE

Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5

	Work %
Housing	10
Office Bldgs/Banks	10
Medical/Health Care	5
Municipal Buildings	20
Solar/Earth Sheltered	10
Education/Academic	35

Senior High School Additions and Remodeling, Burnsville; Senior High School, Park Rapids; Marshall Fire Station, Marshall; Hutchinson Vocational School Hutchinson; Senior High School, New Prague; Additions and Remodeling, St. Joseph's Hospital, Brainerd

M. STENERSON, ARCHITECT

205 East Walnut Street
Stillwater, MN 55082
612/439-5329
Established 1975

Maurice Stenerson	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	60
Office Bldgs/Banks	10
Retail/Commercial	20
Restoration/Preservation	0

DAVID STOVALL ARCHITECT

1610-C West Lake Street
Minneapolis, MN 55408
612/823-8063
Established 1980

David Stovall	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	50
Restoration/Preservation	10
Education/Academic	20
Recreation Buildings	20

Interpretive Center and Contact Station, Afton State Park; Handicap Accessibility Alterations, Westbrook Hall, University of Minnesota; James Lake House, Lighthouse Point, FL; James Hannah House, Tonka Bay, MN

SURI ARCHITECTS, INC.

1150 Benton Way
St. Paul, MN 55112
612/483-6583
Established 1981

Shashi M. Suri	AIA

	Work %
Housing	10
Office Bldgs/Banks	25
Retail/Commercial	10
Industrial/Manufacturing	10
Churches/Worship	20
Restoration/Preservation	5
Municipal Buildings	10
Education/Academic	10

T

TEAM 70 ARCHITECTS, INC.

55 South 8 Street
Minneapolis, MN 55402
612/332-5515
Established 1970

Bernard Jacob	FAIA
Sandra Becker	IBD

Firm Personnel by Discipline	
Architectural	2
Interior Designers	2
Planners	1
Administrative	1
Total in Firm	6

	Work %
Interior Architecture	50
Office Buildings/Banks	25
Retail Commercial	25

Cray Research, Inc., Executive Offices, Minneapolis, MN; The Blethen Law Firm Professional Offices, Mankato, MN; Brown Photo, Pillsbury Center, Minneapolis, MN; Brown Photo, Northstar Center, Minneapolis, MN; Ed-Burt Women's Wear Showroom, Hyatt Mart, Minneapolis, MN; The Xerox Store, Minneapolis, Edina, St. Paul, MN

THOMAS AND VECCHI INC.

1518 East Superior Street
Duluth, MN 55812
(218) 724-8802
Established 1971

John Ivey Thomas	AIA
Thomas A. Vecchi	AIA

	Work %
Housing	5
Retail/Commercial	80
Industrial	15

Pioneer Hall Convention Center Skywalk System, Duluth; University of Minnesota Health Science Library, Duluth; Koochiching County Courts, Law Enforcement and County Jail; Scolastica Nursing Home; Lake Superior Plaza Office Building, Shops and Underground Parking Garage; DTA Offices, Shops and Bus Garage

THORSEN & THORSHOV ASSOCIATES, INC.

1000 Title Insurance Building
Minneapolis, MN 55401
612/339-7671
Established 1957

Willard L. Thorsen	AIA
Roy N. Thorshov	FAIA
William L. Fay	AIA

Firm Personnel by Discipline	
Architectural	7
Administrative	3
Total in Firm	10

	Work %
Housing	5
Office Buildings/Banks	15
Retail/Commercial	40
Restoration/Preservation	5
Municipal Buildings	10
Interior Architecture	2
Solar/Earth Sheltered	3
Education	20

Roseville Public Schools, Roseville, MN; Marshall Square, Marshall, MN; Plymouth City Hall, Plymouth, MN; Basic Medical Sciences Building, University of Minnesota, Duluth, MN; Oliver Hudson Kelley Interpretive Center, Elk River, MN; Burbank Livingston Griggs House Restoration, St. Paul, MN

TOLTZ, KING, DUVALL, ANDERSON & ASSOCIATES INC.

2500 American National Bank Building
St. Paul, MN 55101
612/292-4400
Established 1910

Robert R. Ryder	PE
Duane T. Prew	PE
Wayne A. Olson	AIA
James E. Voyen	PE
Walter W. Thorpe	PE
DuWayne R. Kasma	PE

Firm Personnel by Discipline	
Architectural	14
Engineering	67
Landscape Architects	2
Planners	1
Other Technical	64
Administrative	22
Total in Firm	170

	Work %
Housing	10
Office Buildings/Banks	5
Industrial	25
Restoration/Preservation	5
Municipal Buildings	5
Education	10
Civil & Environmental Eng.	40

Comprehensive Modernization Program, Housing and Community Facilities; Community Development Agency, Minneapolis; Physical Education and Athletic Complex, Gustavus Adolphus College, St. Peter, MN; Manufacturing Plant Addition, IBM Corp., Rochester, MN; Waste Water Treatment Facilities, Albert Lea, MN; District Heating Plant and Distribution System, Energy Park, St. Paul, MN

TRAYNOR, HERMANSON & HAHN ARCHITECTS INC.

311 Medical Arts Building
St. Cloud, MN 56301
612/251-8760
Established 1949

Gilbert F. Hahn	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	2
Total in Firm	7

	Work %
Housing	30
Office Buildings/Banks	5
Retail/Commercial	2
Churches/Worship	2
Restoration/Preservation	4
Municipal Buildings	10
Solar/Earth Sheltered	4
Education	23
Motels	15
Remodeling	10

Building Trades Addition to AVTI, St. Cloud, MN; Germain Towers Housing for Elderly (remodeled existing hotel) St. Cloud, MN; Stearns County Highway Department Building, St. Cloud, MN; Stevens County Developmental Achievement Center, Morris, MN; Thrifty Scot Motel, Bloomington, MN; St. Boniface Church, Cold Spring, MN

TYSON ASSOCIATES, INC.

711 West Lake Street
Minneapolis, MN 55408
612/827-5484
Established 1977

Jay W. Tyson	AIA

Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	50
Office Buildings/Banks	30
Interior Architecture	15
Education	5

Addition to Red Cross Building, Minneapolis, MN; Telephone Building, Redwood Falls, MN; Phone Center Store, Town Square, St. Paul, MN; Interior Remodeling Midway Telephone Building

V

WILLIAM A. VIEVERING, ARCHITECT, INC.

1939 Munster Ave.
St. Paul, MN 55116
612/699-1294
Established 1971

Wm. A. Vievering	AI

Firm Personnel by Discipline	
Architectural	
Total in Firm	

	Work
Housing	
Office Buildings/Banks	
Retail/Commercial	
Medical/Health Care	
Churches/Worship	
Restoration/Preservation	
Municipal Buildings	
Interior Architecture	
Solar/Earth Sheltered	
Education/Academic	

Five O'Clock Club Restaurant, Cumberland, WI; Thomas Mo Retreat Center, Webster, WI; Townhouse Complex, Cumberland, WI; Cumberland Federal Savings & Loan, Cumberland, WI; Jacobson Optometrist Building, Cumberland, WI

VOIGT & FOURRE, INC. ARCHITECTS

2109 Grand Ave.
St. Paul, MN 55105
612/690-2451
111 W. Vine Street
Owatonna, MN 55060
Established 1954

James D. Voigt	A
Daniel W. Fourré	A

Firm Personnel by Discipline	
Architectural	
Administrative	
Total in Firm	

	Work
Housing	
Office Buildings	
Industrial	
Medical/Health Care	
Churches/Worship	
Municipal	
Education/Academic	

Byrne Residence, St. Paul; 4-H Activities Building, Steele County; MN Federal Savings, New Ulm; MN Federal Savings, St. Cloud; St. Stephen's Church, Anoka; St. Paul Seminary Refectory, St. Paul

WALLACE & MUNDT, ARCHITECTS

5275 Edina Industrial Blvd.
Minneapolis, MN 55435
612/831-3509
Established 1965

Gerald E. Mundt	AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	15
Office Buildings	15
Retail/Commercial	10
Industrial	5
Medical/Health Care	30
Churches/Worship	5
Restoration/Preservation	5
Municipal	5
Interior Architecture	5
Solar/Earth Sheltered	5

Chisholm Care Center, Chisholm; Golden Valley S.E. Fire Station, Golden Valley; Pondwood Office Park, Golden Valley; Epworth United Methodist Church, Minneapolis; 4933 France Shops/Office, Edina; Castle Ridge Care Center, Eden Prairie

WATERS, CLUTS & O'BRIEN, INC.

7470 Market Place Drive
Eden Prairie, MN 55344
612/941-4822
Established 1978

Keith Waters	
Brian Cluts	
Daniel O'Brien	AIA

Firm Personnel by Discipline	
Architectural	7
Administrative	2
Total in Firm	9

	Work %
Housing	55
Office Buildings	25
Retail/Commercial	5
Industrial	5
Churches/Worship	5
Interior Architecture	5

Sutsen Mountain Village—Resort Condominiums and Townhouses; Lake Ridge Office Park—Office Condominiums, Eden Prairie; BurnHaven Atrium Office Building, Burnsville; Brizca Residence, Bloomington; Sugar Hills Base Village—Resort Condominiums; Lachmans Rosedale Store

JOHN WEIDT ASSOCIATES, INC.

401 Lake Village Center
Chaska, MN 55318
612/448-6464
Established 1977

John L. Weidt	AIA

Firm Personnel by Discipline	
Architectural	2
Landscape Architects	1
Administrative	1
Total in Firm	4

	Work %
Housing	10
Retail/Commercial	10
Interior Architecture	20
Solar/Earth Sheltered	40
Education/Teaching	20

Security State Bank, Wells MN; Knodt Residence, Chaska; Deardorff Residence, Waconia; Bank of Mexico, Mazatlan; Midwest Mountaineering—Town Square, St. Paul; Federal Express Offices, Memphis, TN

WEIS BUILDERS—DESIGN/BUILD

2227 Seventh Street NW
Rochester, MN 55901
507/288-2041
Established 1939

Christopher W. Colby	AIA
Michael J. Wilkus	

Firm Personnel by Discipline	
Architectural	3
Total in Firm	3

	Work %
Housing	40
Office Buildings	10
Retail/Commercial	30
Industrial	20

Weis Companies Office/Warehouse, Rochester; Plainview MN and Hayfield MN Seniors Housing; Apache Mall Shopping Center: Remodeling & Retail Stores, Rochester; McNeilus Truck & Manufacturing, Dodge Center, MN; Barlows Plaza Shopping Center & Retail Stores, Rochester; Schmidt/Goodman Office Products, Rochester

FREDRIC WEMLINGER AND ASSOCIATES, INC.

Box 519
1521 Northway Drive
St. Cloud, MN 56302
612/253-2100
Established 1968

Fredric Wemlinger	AIA

Firm Personnel by Discipline	
Architectural	3
Engineering	1
Administrative	1
Total in Firm	5

	Work %
Housing	5
Office Buildings	20
Industrial	10
Restoration/Preservation	10
Municipal Buildings	10
Solar/Earth Sheltered	10
Education/Academic	10
Prime Engineering	5
Correction Facilities	20

Sherburne County Law Enforcement and Judicial Facility, Elk River; WJON/WWJO Radio Station, St. Cloud; Renovation and Remodeling at the Minnesota Correctional Facility, St. Cloud; Corporate Office, Bankers Systems Inc., St. Cloud; 1521 Northway Professionals, Condominium Offices, St. Cloud; Handicapped Access Remodeling, St. Cloud State University

WICK-KAGERMEIER-SKAAR ARCHITECTS, INC.

526 South Second Street
Mankato, MN 56001
507/388-6271
Established 1932

James H. Kagermeier	AIA
Roger J. Skaar	AIA

Firm Personnel by Discipline	
Architectural	2
Interior Designers	1
Other Technical	1
Total in Firm	4

	Work %
Office Buildings	20
Retail/Commercial	10
Industrial	20
Medical/Health Care	10
Churches/Worship	10
Education/Academic	30

Jackson High School, Jackson MN; First Bank Detached Unit, Mankato; Spearhead Industries Warehouse, Mankato; First Lutheran Church, LeSeuer MN; Minnesota Valley Regional Library, Mankato; Multi-Church Center, Mankato

WILLIAMS/O'BRIEN ASSOCIATES, INC.

45 South Ninth Street
Minneapolis, MN 55402
612/338-8981
Established 1962

Lorenzo D. Williams	FAIA
James W. O'Brien	AIA
Stephen M. DeCoster	AIA

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

	Work %
Housing	25
Office Buildings	15
Retail/Commercial	15
Industrial	5
Restoration/Preservation	5
Municipal	10
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	15

Consulate Housing, U.S. Dept. of State, Kaduna, Nigeria; Functional Industries Sheltered Workshop, Cokato, MN; Findley Place Housing, Minneapolis, MN; Oxford Pool Building, St. Paul, MN; Bridgeplace Office & Condominium Project, Minneapolis; Classroom Lab & Special Purpose Lab Buildings, U of M, Waseca, MN

WINSOR/FARICY ARCHITECTS, INC.

28 West 5th Street
Suite 375
St. Paul, MN 55102
612/227-0655
Established 1971

Richard Faricy	FAIA
Wayne Winsor	AIA
Thomas Lynch	AIA
Eugene Nelson	AIA
Greg Conboy	
John Lavander	

Firm Personnel by Discipline	
Architectural	36
Interior Designers	4
Administrative	11
Total in Firm	51

	Work %
Housing	20
Office Buildings	40
Commercial/Retail	5
Restoration/Renovation	12
Medical/Health Care	10
Solar/Earth Sheltered	40
Municipal Buildings	5
Interior Architecture	5
Planning	5
Correctional	10

Landmark Center, St. Paul; Mutual Service Insurance, Corporate Headquarters, St. Paul; Wilder Housing, Hi-Rise & Condominiums, St. Paul; Farm Credit Addition, St. Paul; Cenex Corporate Headquarters, St. Paul, MN

WIRTANEN & CLARK ARCHITECTS INC.

5217 Wayzata Boulevard,
Suite 117
Minneapolis, MN 55416
612/541-9969
Established 1981

Michael D. Wirtanen	AIA
W. David Clark	AIA RAIC

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	15
Office Buildings	10
Retail/Commercial	35
Industrial	15
Medical/Health Care	10
Churches/Worship	5
Municipal Buildings	5
Interior Architecture	5

Oakdale Office Complex, Oakdale MN; Target Stores, Minnesota, Colorado, Texas; Woody's Restaurant, Cottage Grove MN; Haye's Residence, St. Paul; Residence Remodeling & Addition, Edina

THE WOLD ASSOCIATION

530 Northern Federal Building
St. Paul, MN 55102
612/227-7773
Established 1968

Clark D. Wold	FAIA
Norman L. Glewwe	AIA
Michael S. Cox	AIA
Mikio Kirihara	
Kevin P. Sullivan	AIA
Kern C. Olson	CSI

Firm Personnel by Discipline	
Architectural	13
Interior Designers	1
Administrative	3
Total in Firm	17

	Work %
Housing	10
Office Buildings	25
Retail/Commercial	5
Industrial	5
Restoration/Preservation	5
Municipal Buildings	5
Interior Architecture	15
Solar/Earth Sheltered	50
Education/Academic	30
Remodeling/Renovation	50

Ramsey County Adult Detention Center, St. Paul, MN; Eden Prairie High School; Wayzata Schools—District wide renovation project, Plymouth MN; Hill City School, Hill City MN; Citizens State Bank, Milaca

RICHARD F. ZENISEK ARCHITECT

1428 W. 30st Street
Minneapolis, MN 55408
612/823-0917
Established 1971

Richard F. Zenisek	AIA

	Work %
Housing	30
Office Buildings	50
Retail/Commercial	20

3150 W. Calhoun Condominium, Minneapolis; Clear Springs Townhomes, Minnetonka; France Place Office Building, Bloomington; X–80 Office Building, Bloomington; Park Place Plaza, St. Louis Park; Yorktown Mall, Edina

ZUBER SIRNY BAKER STEBBINS ARCHITECTS, INC.

836 W. 79th Street
Minneapolis, MN 55420
612/884-6204
Established 1976

Jeri E. Zuber	AIA
John E. Sirny	AIA
Wylie Baker	
Ken Stebbins	AIA

Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5

	Work %
Housing	50
Retail/Commercial	20
Industrial	10
Restoration/Preservation	10
Solar/Earth Sheltered	10

Cook Crossing Townhouse restoration, St. Paul; Marion Fry Residence, St. Paul; Winfield Potters Restaurant, Minneapolis; Polly Berg Store, Edina; Administrative Services Center Remodeling, St. Paul; Elder-Jones Office Building

DENNIS BATTY & ASSOCIATES, INC.

12800 Industrial Park Blvd.
Minneapolis, MN 55441
612/559-0945
Established 1976

Dennis Batty	AIA

GREBNER ASSOCIATES

85 Langford Park
St. Paul, MN 55108
(612) 645-8455
Established 1978

D. W. Grebner	AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

Work %

Architectural design; urban design consulting; design education

HORAN ASSOCIATES

Box 27
Navarre, MN 55392
612/471-0169

James Horan	AIA

GLEN L. LINDBERG ARCHITECTS

1422 W. Lake Street
Minneapolis, MN 55408
612/822-9300
Established 1973

Glen L. Lindberg	AIA

SESSING ARCHITECTS, INC.

420 Endicott Bldg.
St. Paul, MN 55101
Established 1972

Norman R. Sessing	AIA

SHEA ARCHITECTS, INC.

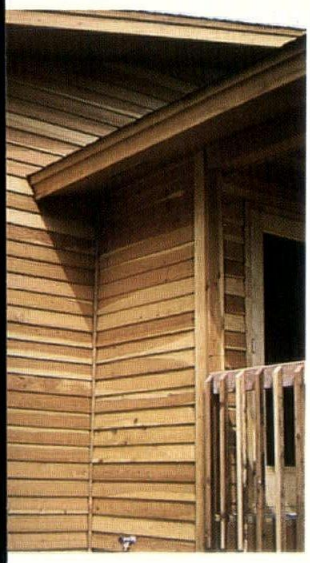
903 F & M Savings Bldg.
Minneapolis, MN 55402
612/339-2257
Established 1978

David A. Shea, III	AIA

PALCO RUSTIC REDWOOD

Bevel Siding in a Dramatic Pattern





This shape of the rabbeted pattern has a self-aligning feature which aids the siding's application. Also, driving nails is easy because the back surface of the rabbeted siding is flush against the sheathing; also would be flush against stud surfaces when applied direct to studs.



There is increasing demand for rustic redwood bevel sidings. Here is Pacific Lumber's rustic redwood in a handsome new rabbeted pattern. Available in 6″ and 8″ widths, this pattern provides maximum stability with extraordinary ease of application. PALCO rustic rabbeted gives a strong horizontal line to a new home that will set it apart from the more commonplace vertical applications.

Additional important advantages:

- It is air-seasoned.
- Has a handsome saw-textured surface.
- Has a combination of genuine natural rustic appearance with the traditional inherent characteristics of redwood's superior performances.
- Economical — is available at affordable costs.
- Produced in long lengths, it fits on most wall areas with very few butt joints.
- Extra thickness helps keep knots in place.

Product of

THE PACIFIC LUMBER COMPANY

SPECIFIC ADVANTAGES OF PALCO RUSTIC REDWOOD RABBETED BEVEL SIDING:

Is air-seasoned:
Air-seasoning for many months before being run to pattern removes most of the moisture from the wood slowly and naturally. This process dries the wood without stresses. Knots are held in place better and check less. Seasoning helps sustain the beauty of redwood's natural color. The reduced weight provides easy handling and significantly reduces shipping costs.

Has redwood's inherent characteristics:

1. Unique natural beauty with attractive grain and knots. Sapwood and heartwood together provide a pleasing color contrast.
2. Dimensional stability with minimum warping, cupping or checking.
3. A cellular structure that provides superior workability—easy sawing and nailing.
4. Superior finish-holding of stains and paints.
5. Decay and insect resistance of redwood heartwood make it very durable.
6. Resistance to damaging weathering effects.
7. Excellent insulator—1″ redwood has the same thermal insulation as 5.8″ thickness of brick, 9″ concrete block, 13.7″ concrete, 1,706.0″ aluminum.
8. Low flame spread rating, means more resistance to flame spreading than most other species of wood products.

Has top quality saw-textured surface:
Not just roughed up, the surface will hold stains and paints up to twice as long as many smooth surfaces.

Has exceptional thickness:
Manufactured with a hefty overall butt thickness, the exposed portion of the rabbeted butt is 5/8″—much thicker than that of the traditional rabbeted sidings. Knots remain in place better than in thinner sidings.





SHIPPING INFORMATION FOR DISTRIBUTORS:

This siding is available in truck or carload quantities or can be mixed with a wide range of redwood lumber, Douglas fir lumber and plywood.

APPLICATION INSTRUCTIONS:

For sheathing use fiberboard, plywood, or lumber, etc. Rigid foam plastic sheathing can cause misperformance of wood sidings. Until the problems are solved, we have to recommend our siding not be applied over rigid foam plastic sheathing.

Use only corrosion-resistant nails to avoid staining of the wood: top quality hot-dipped or hot-tumbled galvanized, or stainless steel nails. Nails must penetrate 1½″ into studs or 1½″ combination of wood sheathing and studs. If sheathing is not solid wood, use long enough nails to penetrate studs 1½″.



Spacing of 1/8″ for expansion clearance.

FINISHING RECOMMENDATIONS:

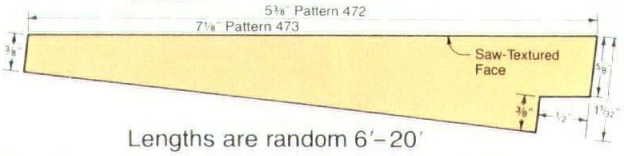
Palco's Rustic Redwood can be finished with a variety o appearances.

1. Stains: Oil-base semi-transparent stains, very popular, pro vide color but don't hide the grain, knots or texture. Oil-base opaque stains will usually obscure the grain and knots but no the texture.
2. Paints: Top coat can be either latex or oil base and must be applied over a compatible prime coat. Prime coat must be an oil or alkyd-resin base, or a stain-resistant latex base.
3. Water-Repellents: A non-pigmented water-repellent coating will minimize the darkening. The surface will become a buck skin tan. If reapplied, water-repellent can keep the buckskin color; if not, driftwood gray will be reached in time.
4. Do not use shake and shingle paints, low lustre alkyd paints or varnishes.

DETAILED PRODUCT SPECIFICATION

Product name: Palco Rustic Redwood Rabbeted Bevel Siding.

Sizes: Nominal 1¼″ x 6″ is Pattern #472; 1¼″ x 8″ is Pattern #473. Net sizes are shown in this sketch:



Lengths are random 6′–20′

Grade: A combination of Select and Construction Common, air-seasoned, saw-textured surface.

Units: Each unit contains 1,750 feet surface measure and is pretallied.

PALCO RUSTIC REDWOOD is also available in thick butte Bevel Sidings 1¼″ x 10″, 12″. Ask for the PALCO litera ture. Other patterns including vertical siding are availabl on special order.

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(Continued from page 14)

ing the city council chambers, main courtroom and the mayor's office, has been carved up or remodeled.

The City Hall Committee, chaired by Linda Mack, a writer and preservationist, is addressing three major issues: determining which public areas of City Hall should be remodeled, restored or renovated; setting guidelines to bring consistency to the design and maintenance of the building; and determining which potential building functions will attract people. The committee will also examine the building's exterior setting.

Mack says the committee's recommendations, when approved by the Municipal Building Commission, will form the basis for a request for proposal to be sent out in the fall.

At last, landscape architects are members of a single body

With the signing of a unification agreement recently by their leaders, the two national landscape architecture organizations—the American Society of Landscape Architects (ASLA) and the American Institute of Landscape Architects (AILA)—became one. The new organization will be known as the ASLA, thereby keeping the name of the larger, 5,900-member group. The agreement with AILA increases the new organization's membership by 300.

"The Prepared Professional" is 1982 Aspen Conference theme

"The subject is very large," admits architect and industrial designer George Nelson, who is this year's Conference Chairman. "To cope with the abundance of material some unifying assumptions will be used: the fact that professional activity goes on in a mass society, not an ivory tower; the ongoing transformation of many professionals into personnel; the existence of crises in education; and the underlying similarities in professional activity."

IDCA participants will be able to attend three seminars on architecture, industrial design and graphic design as well as a major presentation on artificial intelligence. Speakers will include, among others, Dr. Daniel Boorstin, Ivan Chermayeff, Niels Diffrient, Milton Glaser, M. Arthur Gensler, Jr., Jerome B. Wiesner, and Henry Wolf. The International Design Conference is scheduled for June 13–18.



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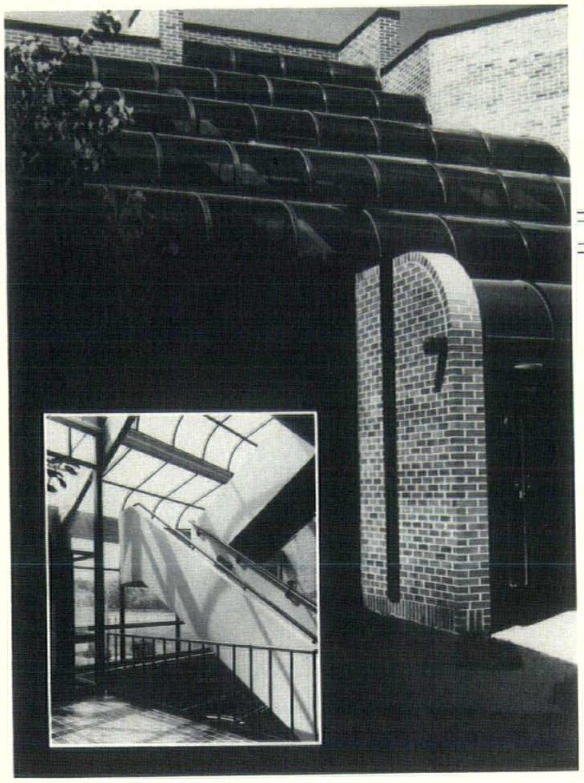
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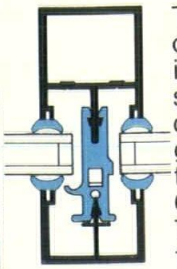
For helpful information, samples, in-house seminars, just call the Answer Man, Clint Fladland or Steve Gallop, at 645-0208.

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Architects: Foss Englestad Foss, Fargo, North Dakota



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The energy-saving design of CTS Thermal Barrier Systems eliminates metal-to-metal contact in curved or straight designs, and allows the beauty and openness of large expanses of glass with virtually no frost or condensation, even at temperatures of –30 F. Cronstroms was the first to develop this Thermal Barrier System over **16** years ago.

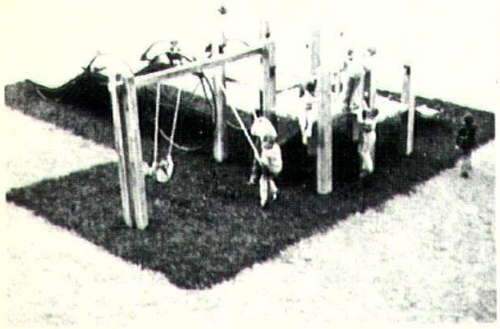
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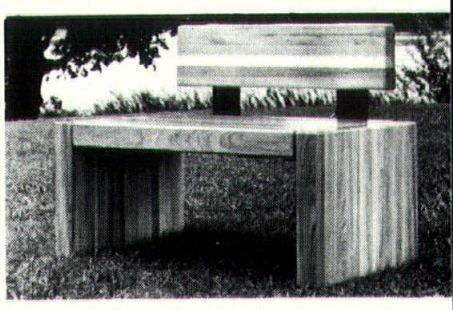
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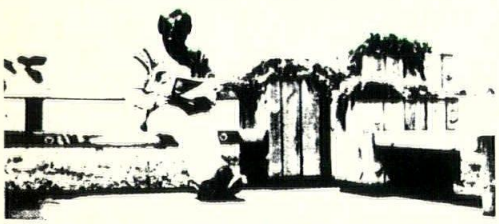






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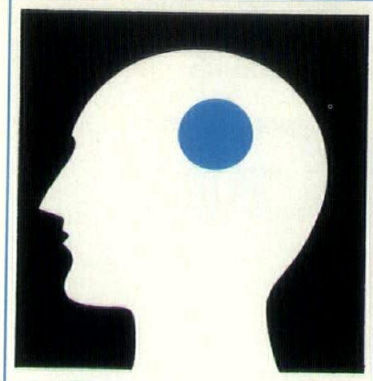
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MINNESOTA RETAINAGE LAW AMENDED

Effective on and after July 1, 1980, retainage provisions of public contracts entered into by the State of Minnesota or any of its political subdivisions are amended as follows:

An amount not to exceed **5%** of the value of the contract may be retained. Such retainage may be reduced or eliminated if work progresses satisfactorily.

Contractor may deposit certain securities with the public contracting agency, or in a bank or trust company, in lieu of cash retainage.

Interest on the securities shall be paid to the contractor as it accrues.

THE PIPING INDUSTRY BELIEVES THE PROVISIONS OF THIS AMENDMENT TO PUBLIC LAW HAVE MERIT, AND CAN SERVE AS A MODEL FOR PRIVATE AS WELL AS PUBLIC CONTRACTS.

For more details on other provisions and exceptions, call or write us for a free copy of Chapter 464 Laws of Minnesota 1980.

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766 Transfer Road
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646-2121

Piping Industry Development Council
100 E. 14th Street
Minneapolis, MN 55403
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OF MINNEAPOLIS AND ST. PAUL

scanning the media

continued from p. 21

Washington's eye, Mr. Peterson suggests the semantic shelving of long-range planning in favor of the term "foresight capability." He amplifies: "What we are talking about, of course, is not a planned society, but rather the use of planning by our democratically selected leaders to meet society's needs." Foresight capability, he believes, would enable us not only to anticipate the likelihood of such serious problems as hazardous wastes and nuclear wastes but to assess their significance as projected along the time line.

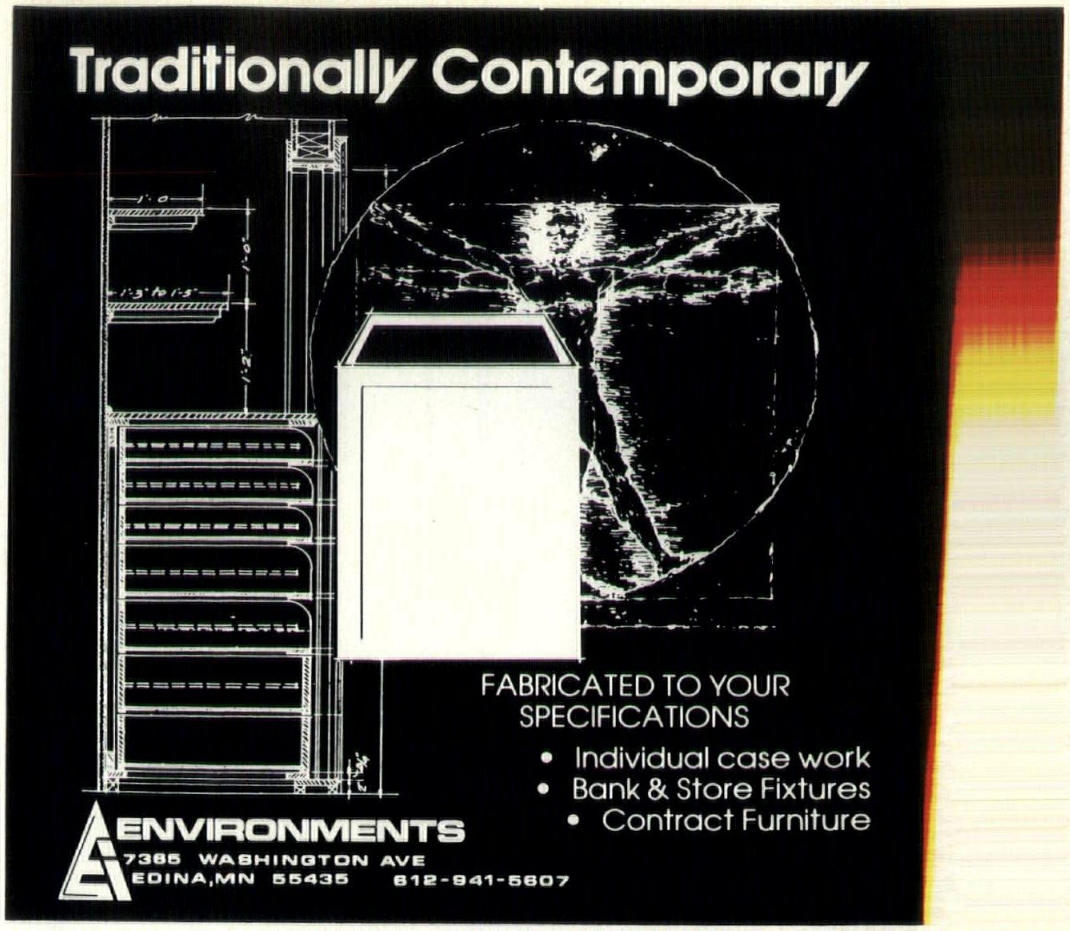
"Fortunately," he concludes, "citizens are well ahead of their current leaders on these issues." He cites a recent poll by Louis Harris indicating the survey respondents' opposition, by the extraordinary margin of 80 to 17 percent, to any relaxation of existing Federal regulation of air pollution.

Twin Cities Batting High

THEY ARE SETTING THE EXAMPLE FOR PRIVATE-PUBLIC PARTNERSHIP SUCCESSES IN THE NATION. To celebrate its fortieth anniversary as a great catalyst in helping business and government accomplish together that which neither can do alone, the prestigious Committee for Economic Development has issued a thoughtful report by its Research and Policy Committee. Repeatedly throughout this report, both Minneapolis and St. Paul are lauded for their exemplary business-community cooperation. Some notable success stories:

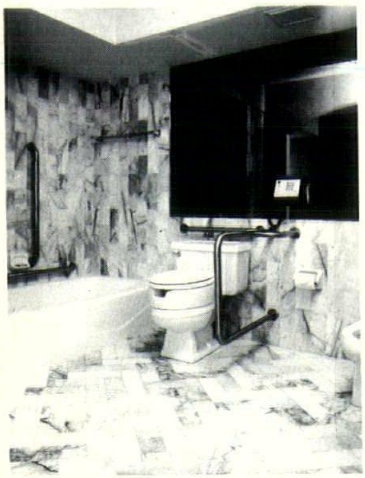
- *The Minnesota Five Percent Club.* "Friendly but vigorous peer pressure is placed on the corporations in the Twin Cities to take maximum advantage of the five percent pre-tax profit contributions mechanism," says the CED report. Started in 1976, the Club by 1980 had 45 member corporations. Few other communities have any kind of corporate percentage-giving plan; the Minnesota Club is thus recognized by CED "as a model for encouraging higher levels and effective use of corporate giving."
- *The Minnesota Project on Corporate Responsibility.* An outgrowth of the Five Percent Club, the project sponsors a series of two-day courses on corporate social responsibility. It is held five times a year and is one more reason why the CED report states categorically, "Among America's larger cities, Minneapolis-St. Paul presents an unparalleled picture of corporate leadership."

continued on p. 93





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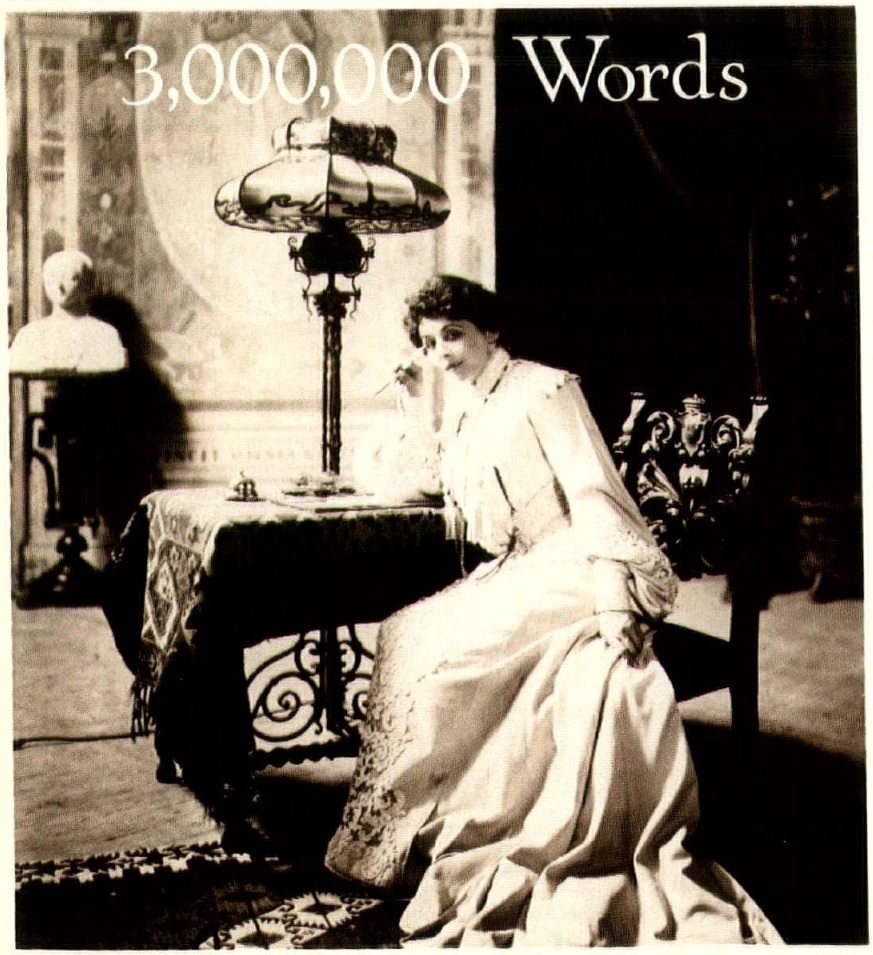
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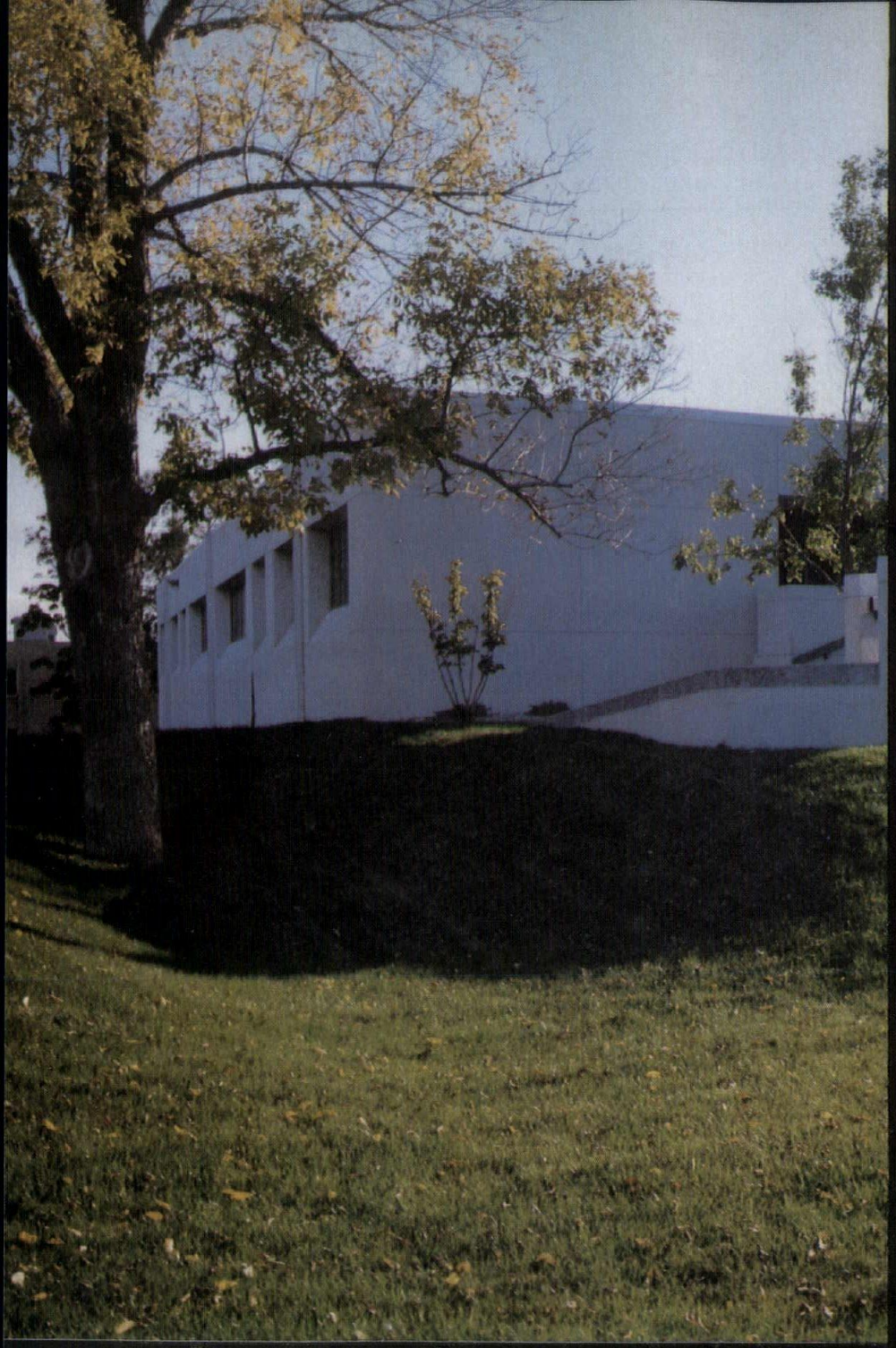
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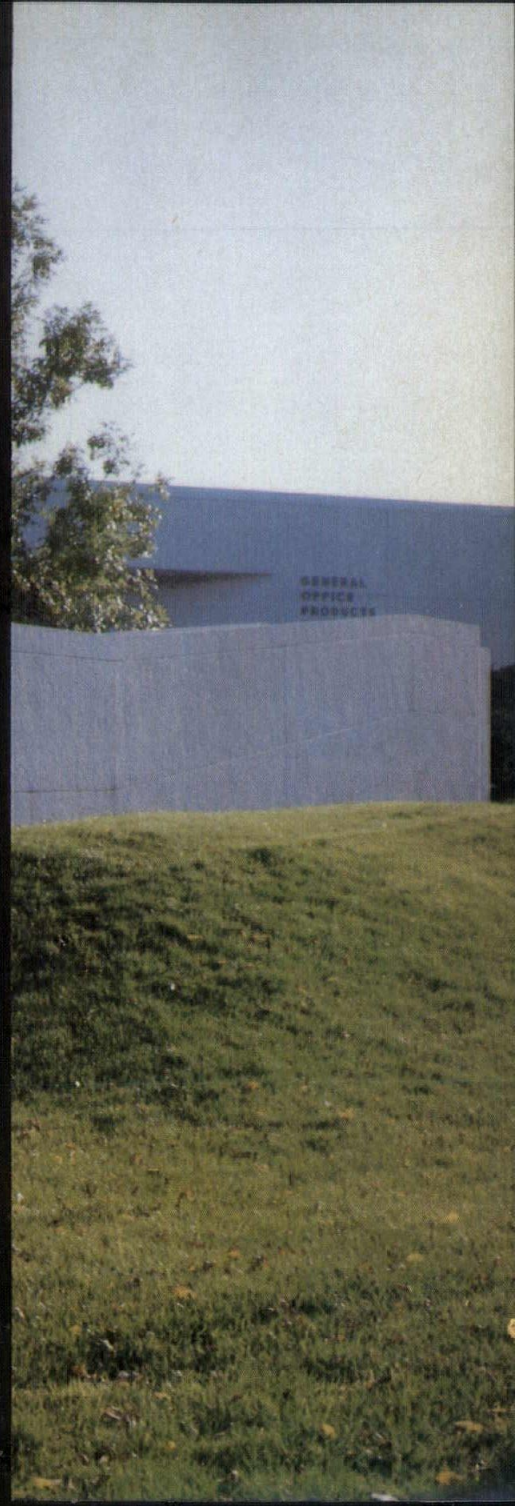
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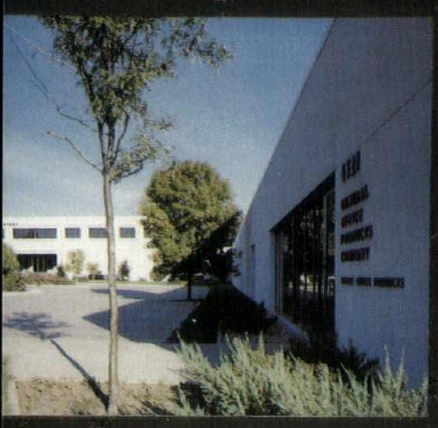
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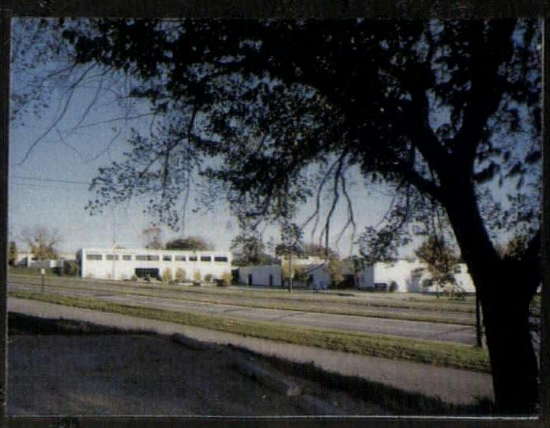
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Suite 760 • 10 South 5th Street
Minneapolis, MN 55401 • (612) 332-1688







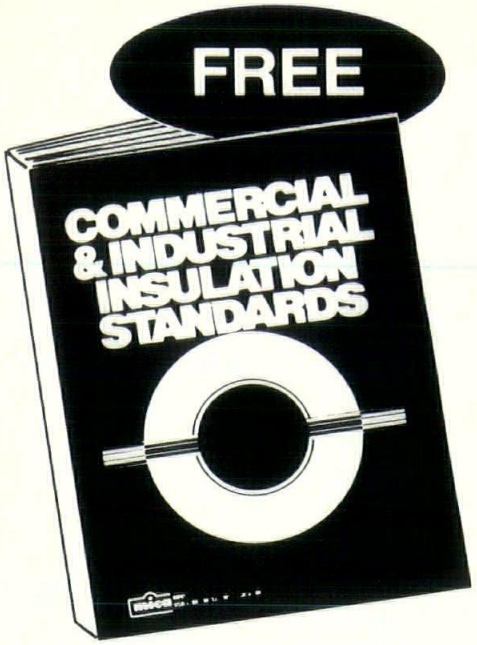




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"Human history becomes more and more a race between education and catastrophe."
H.G. Wells

scanning the media

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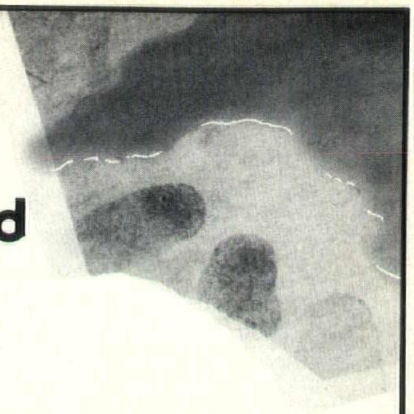
- *The Dayton-Hudson Foundation.* Cited as "a leader in community outreach efforts," CED mentioned in particular the Foundation's spearheading of planning process in the Whittier neighborhood, from which a community development corporation evolved. Dayton-Hudson gave $1 million to implement the development plan.
- *Control Data Corporation.* "It has intentionally located plants in depressed areas and provide employees with such services as day care, legal services, and personal, educational, and financial counseling."
- *The 3M Company.* One of the first major corporations to set up a comprehensive van and car pool service, 3M's is still probably the most successful. Indeed, many other companies come to St. Paul to study the 3M system.
- *The Downtown Council.* The CED report recognizes all aspects of the downtown business community in Minneapolis for its vision and sophistication for making the Council a planning/development catalyst to accomplish major urban projects such as Nicollet Mall.

People Need Not Apply

HERE'S A CLUB WHOSE MEMBERS MUST BE 100 YEARS OLD—AND A TREE. What a delightful man Edwin Lewis Stephens must have been. For it was he, as Skip Rozin recounts in the *Audubon* article, "The Most Exclusive Club in America," (March) who founded the Live Oak Society back in 1934. Then president of Southwestern Louisiana Institute, Mr. Stephens broached his idea for this novel society in these engaging words:

"Let its membership be composed of live trees themselves! Such business of publicity as it may require may be carried out with the assistance of friends. I will volunteer my service for a time as acting secretary. I suggest that the members of the association shall consist of trees whose age is not less than a hundred years (thus affording a background of experience, maturity, and wisdom in counsel)."

Rozin writes that the Society's human resources failed it for a time after its founder's death in 1938, but it is once again as alive as its lively membership, thanks to the loving attention of the Society's current secretary and only human member, a lady named Edith Pfister, who presides in Metairie, Louisiana, over the recording of new members and dispensing to them of the official Live Oak Society Certificate of Membership.



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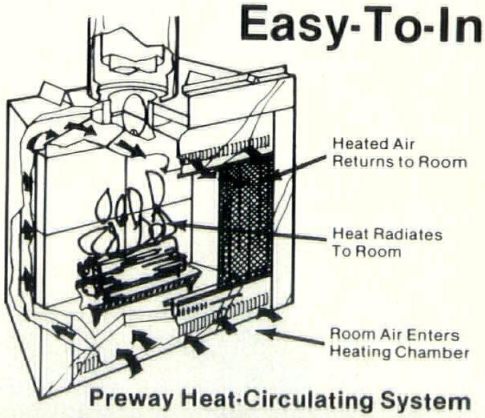
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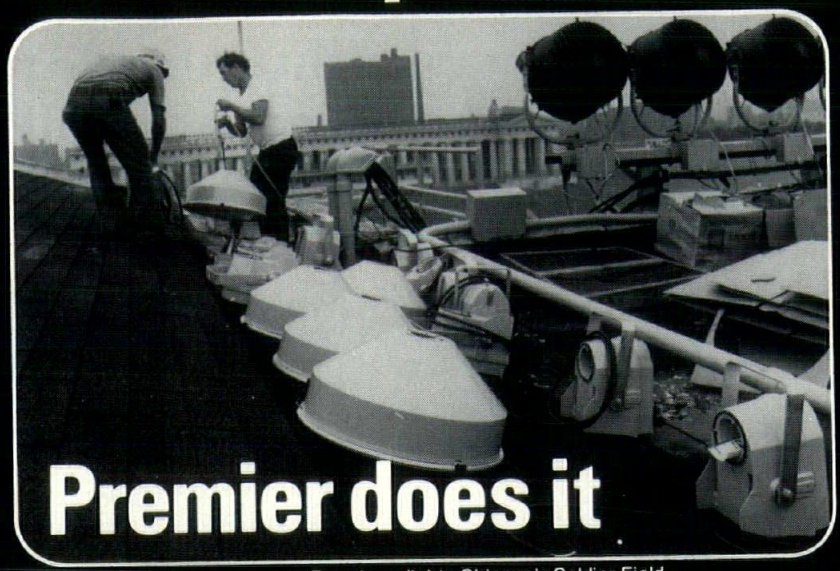
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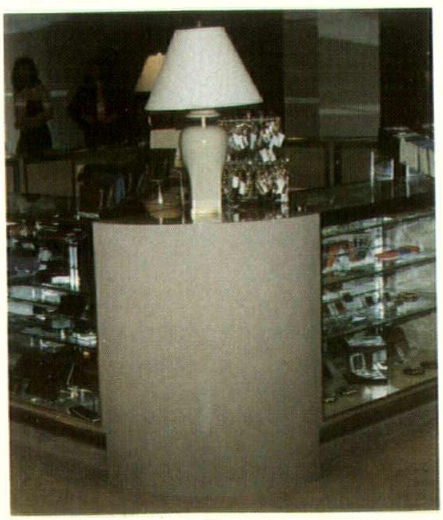
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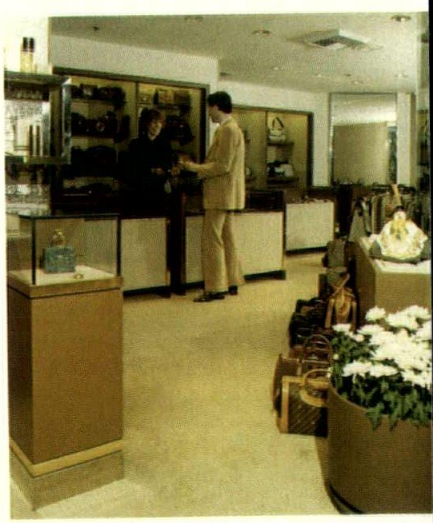
You're supposed to look at this sampling of our work.



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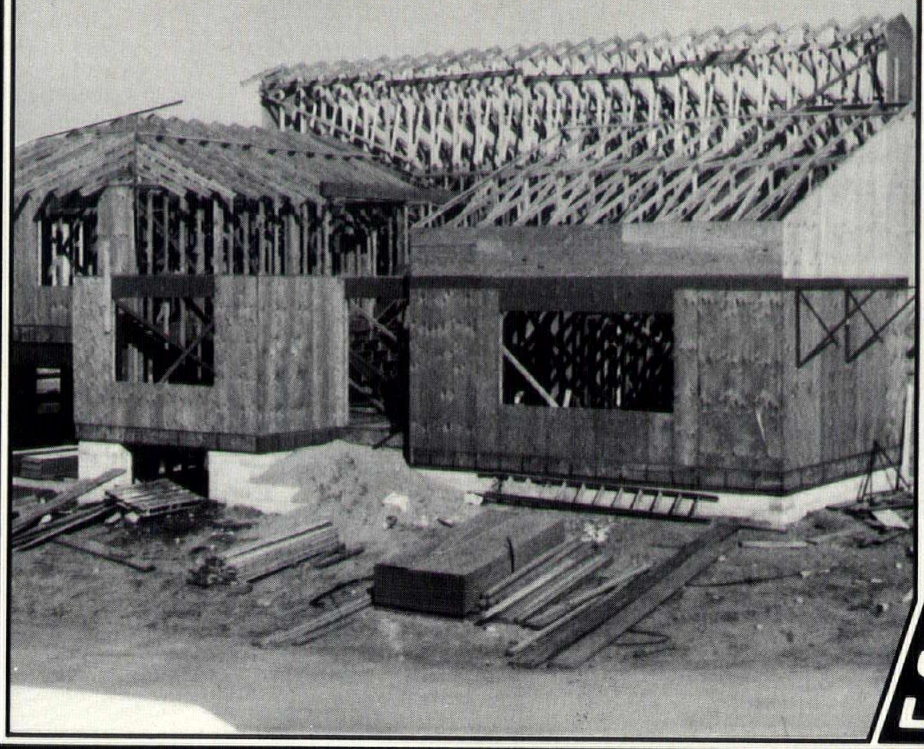
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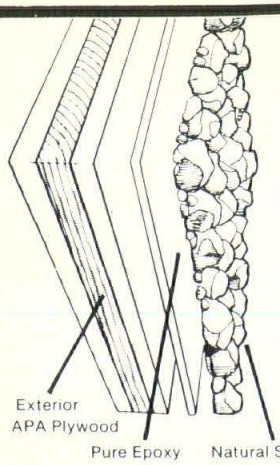
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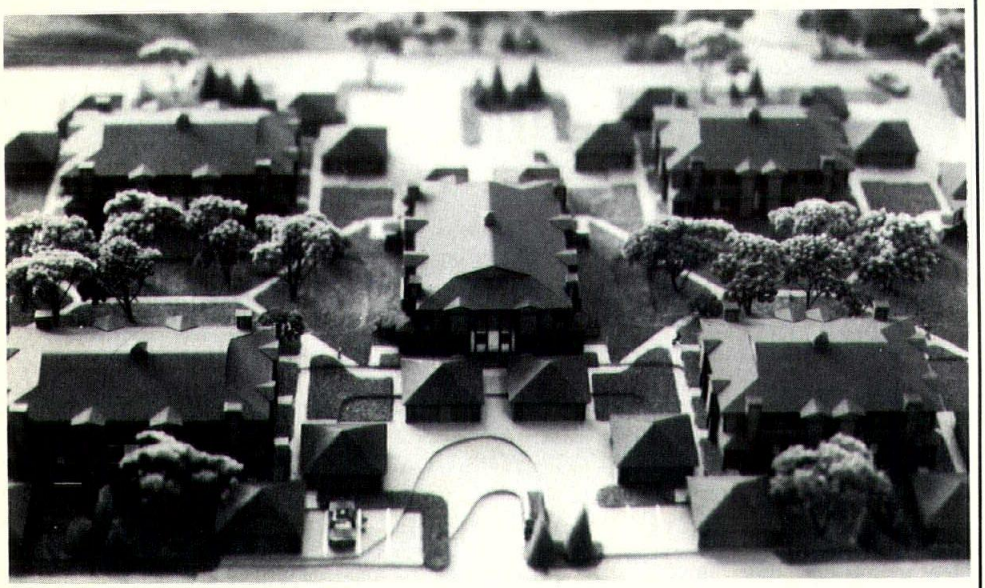
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f the President can ıave his black box, vhy can't you, too?

Elegance in black has become the rademark of product designs by Sinlair Radionics of Great Britain. Ten ears ago they produced the first, thin pencil thick) calculator for everyman nd it was promptly installed in IOMA's permanent collection of exmplary product designs.

In the mid-70s, Sinclair again came ut with a first, the "pocket-sized" TV. stunning piece of technology, it is oprable anywhere in the world and sports 2" screen. It seems only fitting, then, iat Sinclair's miniaturization should ad to the production of a black microomputer called the ZX81.

Introduced to the US market at the nd of last year, this computer provides ı inexpensive "tasting" to the world of omputers for the uninitiated. And you ave a choice: the ZX81 kit at $100, or the ready-made at $150. The kit option seems like a good "de-mystifying" approach for introducing computers.

Intrigued, AM's editors obtained a ZX81 kit, built it, and, when it didn't work, took it to a MicroAge Computer store for servicing. Diagnosis: a sick integrated circuit (or chip) which needed replacement.

Based on this experience, we hesitate to recommend the kit for those without access to a computer store or without the skills to wield a mean soldering gun. The kit is indeed a "best product." But it has one notable but rectifiable weakness: namely, the assembly instructions assume far too much and are not organized in a step-by-step sequence.

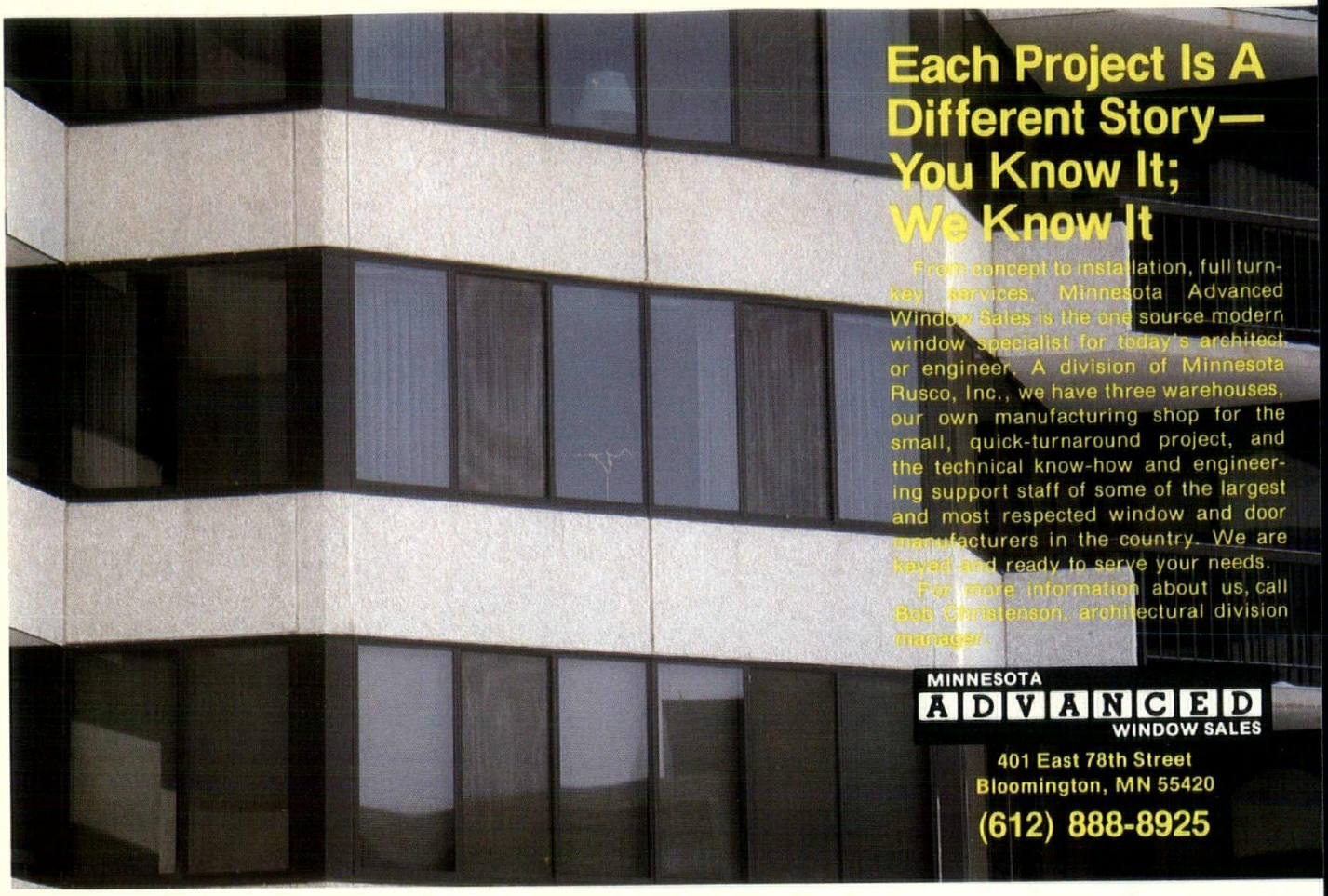
The ready-made version, however, appears to be an excellent product for getting to know what computers are about and at a low cost.

The ZX81 includes hookups to your TV and a cassette tape recorder. The TV becomes your video screen and the cassette player is a medium for storing your data and programs. An extensive instruction manual is also included which will lead you through the basics of how to use this computer. The programming language is called BASIC, the same as used by most of today's personal computer makers.

At present an additional 16K memory module is available to greatly expand the internal data storage potential of the ZX81. A small printer is now available in Europe and will be introduced to the US shortly. All can be ordered by phone (800/543-3000).

The Sinclair ZX81 is an inexpensive way to become acquainted with computers. If you decide to go further, it can fit within a larger system or as a single purpose (dedicated) computer. If you discover that computers are not for you, however, you've spent very little and, at the very least, obtained an elegant piece of black, high-tech sculpture.

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letter from the publisher

Just before our last issue went to press, we learned and duly reported that *AM* had been named first-prize winner, magazine classification, in the highly respected Gold Circle Award Program sponsored by the American Society of Association Executives. We have since received a handsome trophy which makes this singular honor official. And we couldn't be prouder.

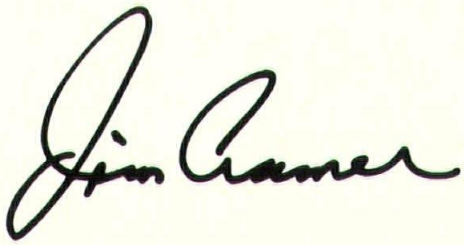
Or could we?

Now, as we are about to go to press again, we have been advised that *AM* has been nominated for still another award. The screening committee for the National Magazine Awards Program has selected our publication as a finalist in the "general excellence" category for magazines whose circulation is under 100,000 circulation. This awards program, sponsored by the American Society of Magazine Editors and administered by the Columbia University Graduate School of Journalism, is widely recognized by magazine journalists as the most prestigious in their profession.

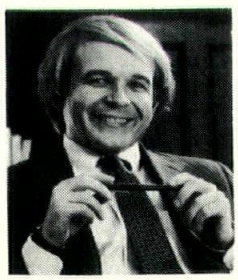
Win or lose (the results will be announced at about the time this issue of *AM* reaches you), those of us associated with *AM* feel enormously gratified. We feel gratified not so much for the progress we've made editorially (important though it be) but for the enhanced opportunity such recognition brings us to serve the profession of architecture and the public more effectively.

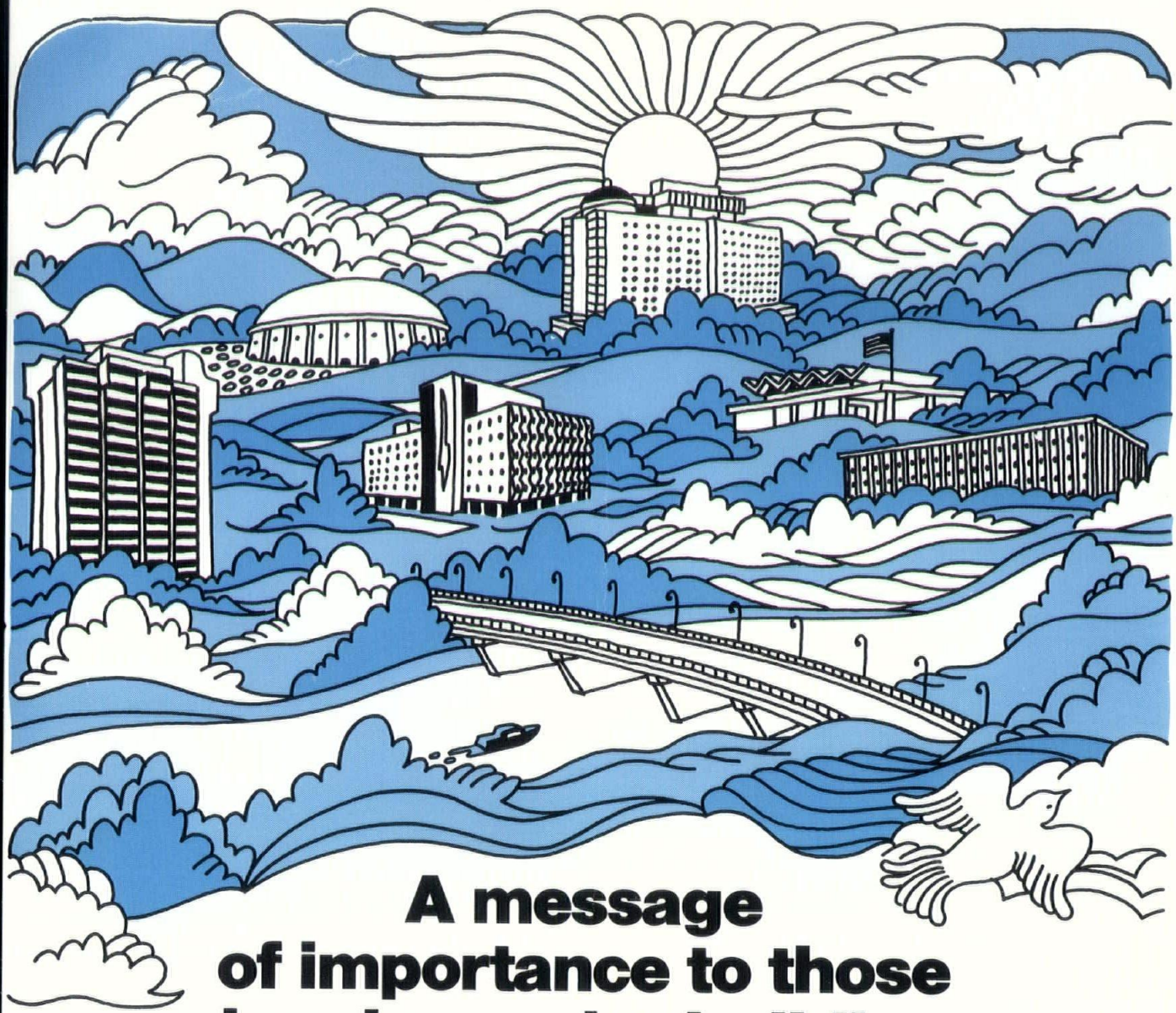
Which leads me to invite your interest in two special attractions found in these pages. One is the annual MSAIA Directory of Architectural Firms. This basic source of information promises once again to make this issue of *AM* the one most frequently thumbed through, and actually used, during the remainder of the year. We urge all non-architect readers to peruse this Directory—and use it!

You will also find a new professional service in this issue through which architects may tell you what they are up to. We are calling it "Coming Soon," and we are delighted that so many firms have elected to use it as a means of reporting on the progress of the projects they are developing at this moment. We believe you will agree that "Coming Soon" responds to a communications need that cannot always be fully embraced in our regular news columns. Follow it closely from issue to issue, and you will be kept abreast of the "action" in our profession hereabouts.



James P. Cramer, Publisher





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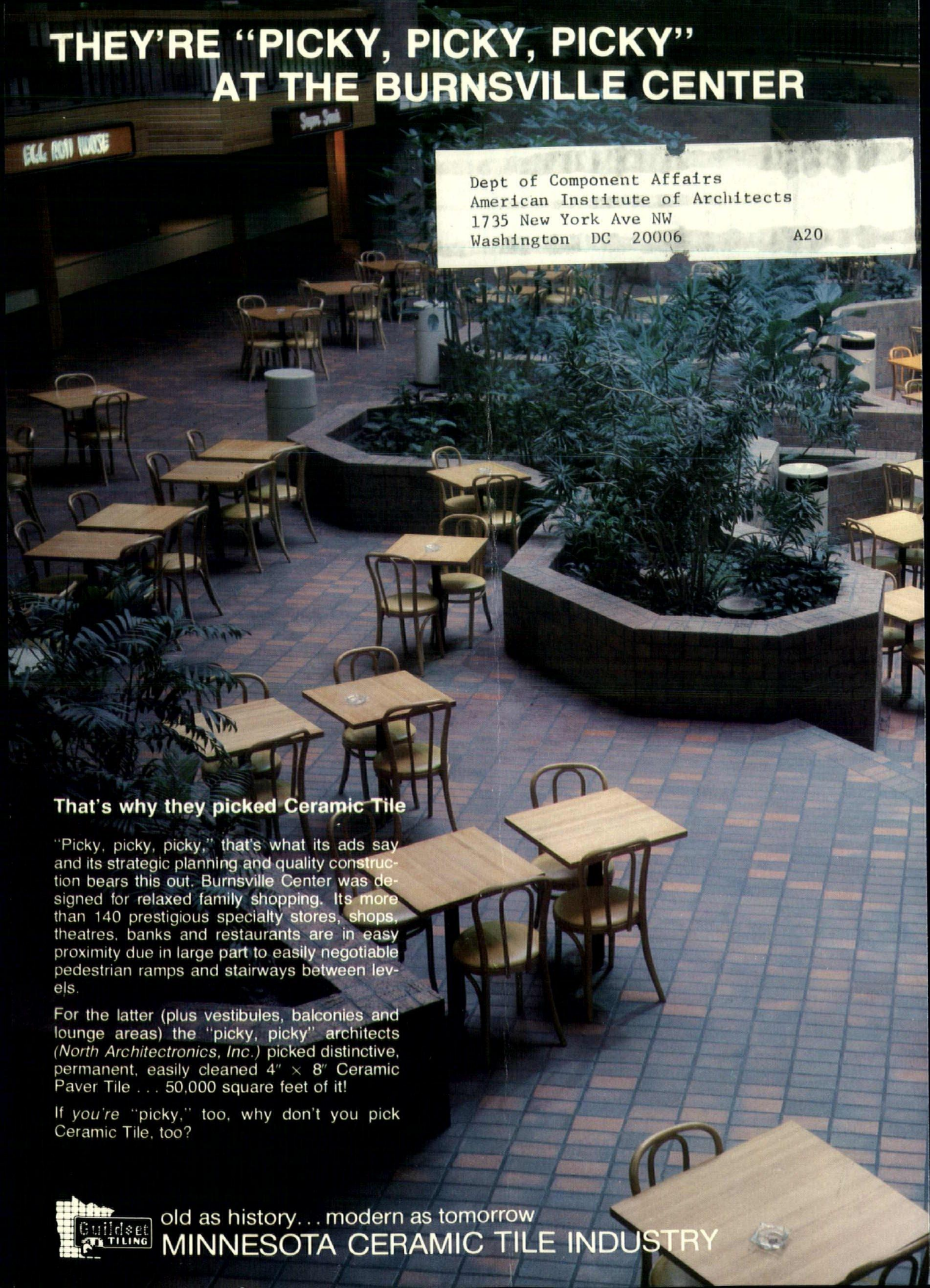
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